TECHNICAL EXHIBIT
POST-TRANSITION
SPECIAL TEMPORARY AUTHORITY (STA)
STATION WPXN-DT
NEW YORK, NEW YORK
CH 31 100 KW (MAX-DA) 360 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station WPXN-DT at New York, New York. This application requests a Special Temporary Authority (STA) for a digital television operation on channel 31 at New York with a directional effective radiated power of 100 kilowatts. WPXN-DT intends to reuse its existing analog Channel 31 auxiliary operation transmitting antenna for digital operation, as its licensed analog main facility is at the former World Trade Center site.

This herein proposed 100 kW operation seeks to maintain its current DTV coverage, authorized by an STA, on Channel 30.

Proposed Facilities

Station WPXN-DT proposes to operate DTV channel 31 from its NTSC transmitter site. The antenna height above average terrain for the channel 31 DTV operation will be 360 meters. The proposed WPXN-DT effective radiated power exceeds the Commission's *Appendix B* allocated maximum effective radiated power in some azimuthal directions.[1]

[1] See Seventh Report And Order And Eighth Further Notice Of Proposed Rule Making in the Matter of Advanced Television Systems and their

Therefore, an allocation study was completed to ensure no prohibited interference would occur.

The proposed DTV transmitter site will be located at its NTSC transmitter site. Therefore, the proposed site location is:

40° 44′ 54″ North Latitude
73° 59′ 10″ West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1.

The Appendix contains the vertical and horizontal plane radiation pattern for the existing antenna system.

Figure 2 is a map showing the DTV predicted coverage contour and the associated analog Grade B coverage contour. The extent of the contour has been calculated using the normal FCC prediction method. The New York city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed WPXN-DT facility is predicted to serve 17,231,914 persons, post-transition based upon the 2000 Census. WPXN-DT's associated Appendix B facility is predicted to serve 17,944,000 persons. Therefore, the herein proposed WPXN-DT facility would serve 96% of WPXN-DT's Appendix B population.

Impact Upon the Existing Television Broadcast Service, MB Docket 87-268, Released August 6, 1007; Adopted August 1, 1007.

Allocation Considerations

The proposed WPXN-DT Channel 31 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other Appendix B DTV allotments. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.[2] Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed WPXN-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.[3]

Radiofrequency Electromagnetic Field Exposure

The proposed WPXN-DT facilities will be evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public

2 The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.
3 Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. “masking”) including the allotment facility for WPXN-DT. This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

by the on-going RFR measurement program occurring at the Empire State Building.

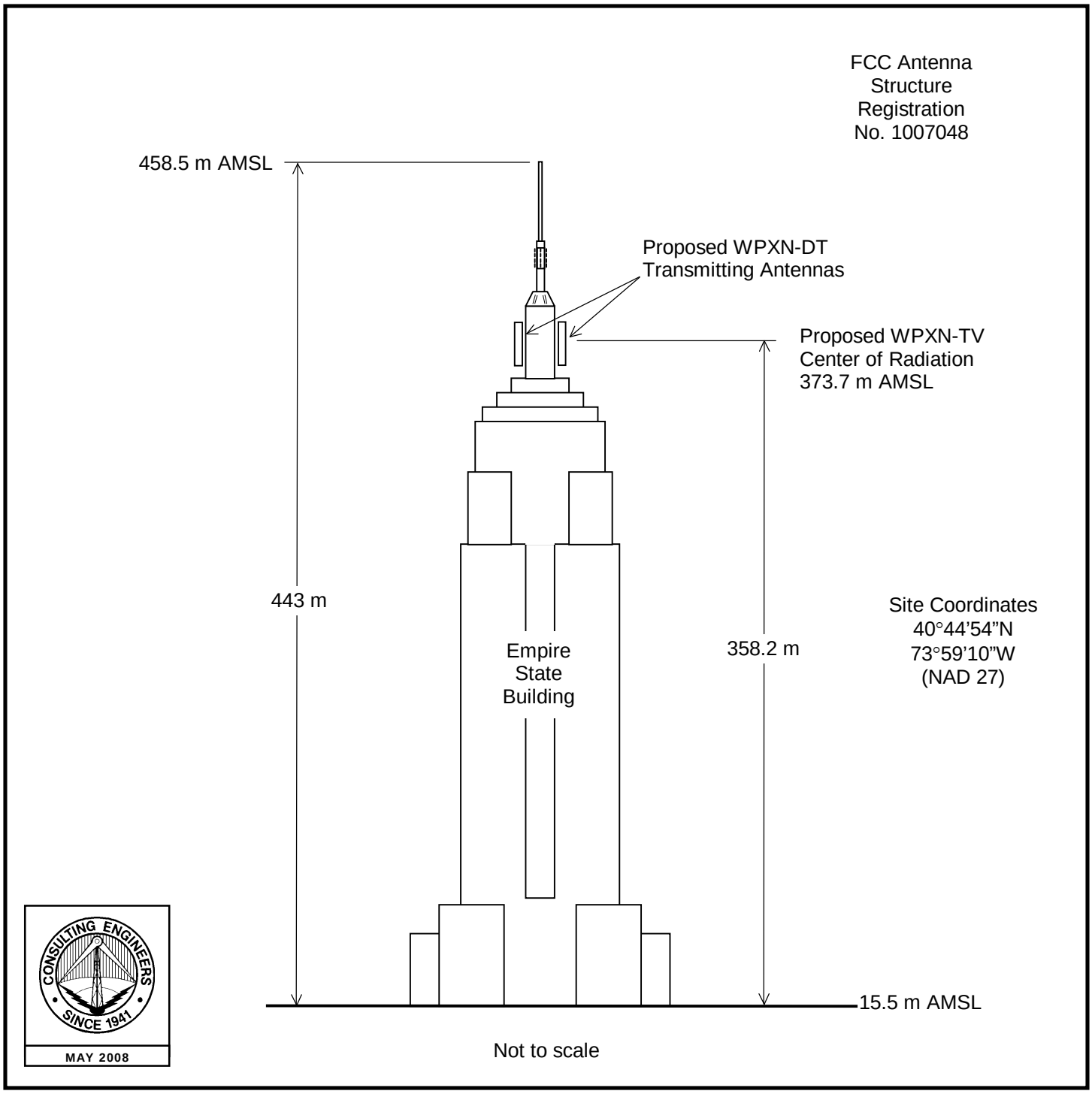
Access to the transmitting site is restricted and appropriately marked with warning signs. As this will be a multi-user site an agreement between the stations will control access. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WPXN-DT operation appears to be otherwise categorically excluded from environmental processing.

It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.

Charles Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 32437
941.329.6000

May 9, 2008



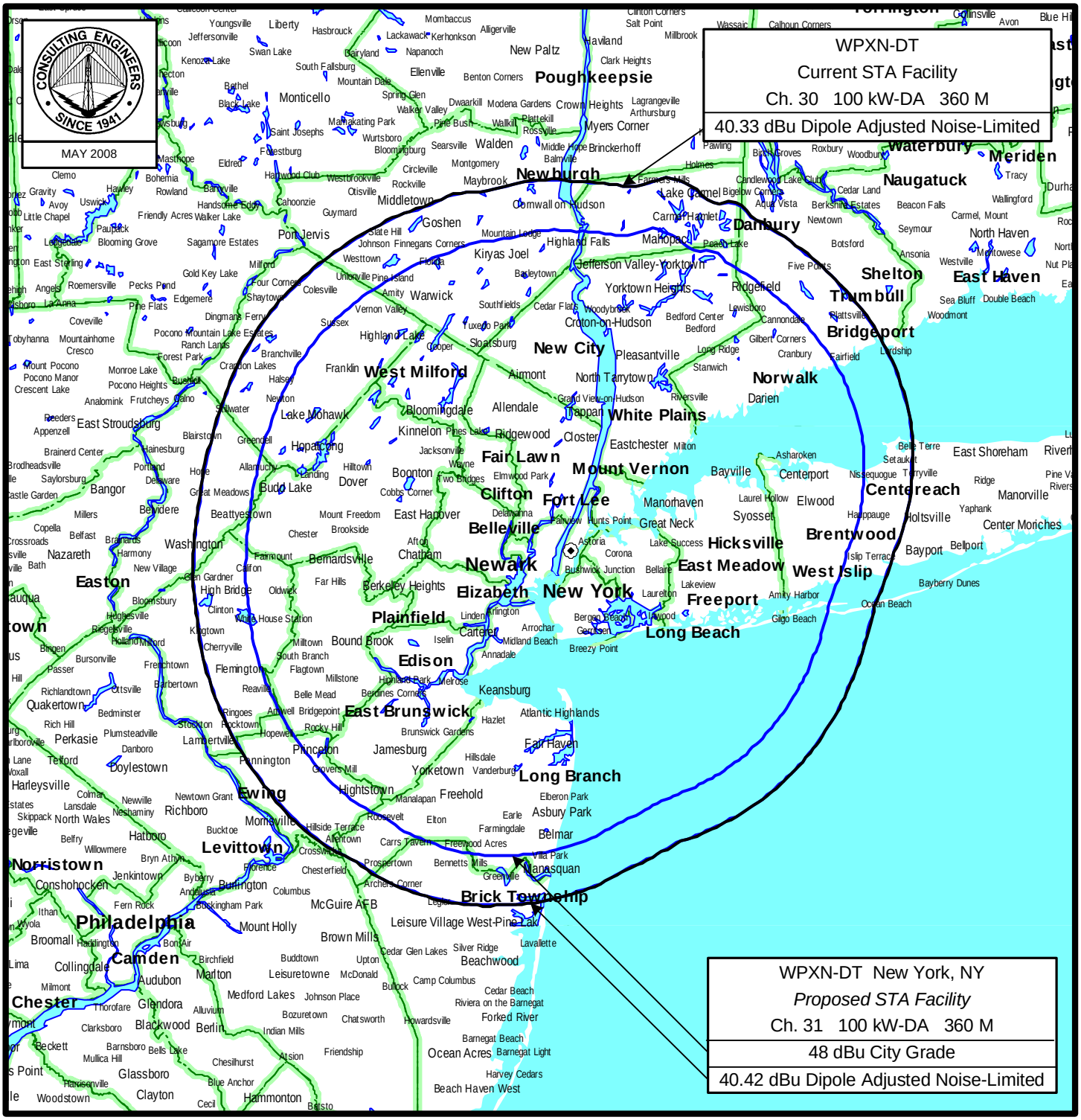
ANTENNA AND SUPPORTING STRUCTURE

STATION WPXN-DT

NEW YORK, NEW YORK

CH 31 100 KW (MAX-DA) 360 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida



PREDICTED COVERAGE CONTOURS

STATION WPXN-DT

NEW YORK, NEW YORK

CH 31 100 KW (MAX-DA) 360 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

TECHNICAL EXHIBIT
POST-TRANSITION
SPECIAL TEMPORARY AUTHORITY (STA)
STATION WPXN-DT
NEW YORK, NEW YORK
CH 31 100 KW (MAX-DA) 360 M

OET-69 Post-Transition Interference Analysis

Census data selected 2000

Post Transition Data Base Selected
/export/home/cdbs/tvdb.sff_B
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-09-2008 Time: 11:16:37

Record Selected for Analysis

WPXN-TV USERRECORD-01 NEW YORK NY US
Channel 31 ERP 100. kW HAAT 361. m RCAMSL 00374 m
Latitude 040-44-54 Longitude 0073-59-10
Status APP Zone 1 Border
Dir Antenna Make CDB Model 00000000058940 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	85.748	338.4	81.2
45.0	77.969	364.7	83.1
90.0	12.320	361.6	70.8
135.0	8.851	363.0	68.8
180.0	26.214	359.1	75.4
225.0	89.870	374.0	84.9
270.0	76.738	363.3	82.9
315.0	93.896	360.3	84.0

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is within the Canadian coordination distance
Distance to border = 395.7km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

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              Proposed Station
Channel     Call         City/State              ARN
   31      WPXN-TV    NEW YORK NY                USERRECORD01

     Stations Potentially Affected by  Proposed Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WFUT-TV  NEWARK NJ                 0.9  LIC    BDTV      -1062
 31   WTIC-TV  HARTFORD CT             143.4  LIC    BDTV      -0267
 31   WPPX     WILMINGTON DE           131.8  LIC    BDTV      -0288
 31   WFXT     BOSTON MA               287.9  LIC    BDTV      -0713
 32   WPSG     PHILADELPHIA PA         131.8  LIC    BDTV      -1322
 32   WQPX     SCRANTON PA             164.5  LIC    BDTV      -1336

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     Analysis of Interference to Affected Station   1


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   30      WFUT-TV    NEWARK NJ                BDTV      -1062

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 29   WUVP-TV  VINELAND NJ             132.3  LIC    BDTV      -1067
 29   WFME-TV  WEST MILFORD NJ          22.9  LIC    BDTV      -1068
 30   WBZ-TV   BOSTON MA               286.6  LIC    BDTV      -0712
 30   WSKA     CORNING NY              300.0  LIC    BDTV      -1139
 30   WUTR     UTICA NY                283.2  LIC    BDTV      -1179
 30   WGCB-TV  RED LION PA             239.5  LIC    BDTV      -1334
 30   WNVT     GOLDVEIN VA             378.2  LIC    BDTV      -1653
 31   WTIC-TV  HARTFORD CT             142.8  LIC    BDTV      -0267
 31   WPPX     WILMINGTON DE           132.3  LIC    BDTV      -0288
 31   WPXN-TV  NEW YORK NY               0.9  APP    USERRECORD-01

 Total scenarios =   1


Result key:        1
Scenario        1  Affected station        1
Before Analysis

Results for: 30A NJ NEWARK               BDTV      1062         LIC
   HAAT  321.0 m, ATV ERP  188.7 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour    17809611      18857.6
   not affected by terrain losses  17670891      17876.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       93113        274.5
   lost to ATV IX only                93113        274.5
   lost to all IX                     93113        274.5

 Potential Interfering Stations Included in above Scenario     1

29A NJ VINELAND             BDTV      1067         LIC
29A NJ WEST MILFORD         BDTV      1068         LIC
30A MA BOSTON               BDTV      0712         LIC
30A NY CORNING              BDTV      1139         LIC
30A NY UTICA                BDTV      1179         LIC
30A PA RED LION             BDTV      1334         LIC
31A DE WILMINGTON           BDTV      0288         LIC

After Analysis

Results for: 30A NJ NEWARK               BDTV      1062         LIC
   HAAT  321.0 m, ATV ERP  188.7 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour    17809611      18857.6
   not affected by terrain losses  17670891      17876.8
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      156615        452.1
   lost to ATV IX only               156615        452.1
   lost to all IX                    156615        452.1
```

```
 Potential Interfering Stations Included in above Scenario     1

29A NJ VINELAND             BDTV      1067         LIC
29A NJ WEST MILFORD         BDTV      1068         LIC
30A MA BOSTON               BDTV      0712         LIC
30A NY CORNING              BDTV      1139         LIC
30A NY UTICA                BDTV      1179         LIC
30A PA RED LION             BDTV      1334         LIC
31A DE WILMINGTON           BDTV      0288         LIC
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.3613%

Worst case new IX    0.3613% Scenario      1
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<THE WPXN-DT APPENDIX B ALLOTMENT CAUSES INTERFERENCE TO 2.2501% TO CHANNEL 30 AT NEWARK, NEW JERSEY. THEREFORE, NO INCREASE IS PREDICTED.>

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     Analysis of Interference to Affected Station   2


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WTIC-TV    HARTFORD CT              BDTV      -0267

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WBZ-TV   BOSTON MA                148.0  LIC    BDTV      -0712
 30   WFUT-TV  NEWARK NJ               142.8  LIC    BDTV      -1062
 31   WPPX     WILMINGTON DE           273.7  LIC    BDTV      -0288
 31   WFXT     BOSTON MA               149.0  LIC    BDTV      -0713
 32   WBPX     BOSTON MA               148.8  LIC    BDTV      -0714
 31   WPXN-TV  NEW YORK NY             143.4  APP    USERRECORD-01

 Total scenarios =   1


Result key:        2
Scenario        1  Affected station        2
Before Analysis

Results for: 31A CT HARTFORD             BDTV      0267         LIC
   HAAT  506.0 m, ATV ERP  380.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     4839797      31151.0
   not affected by terrain losses   4354162      27713.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      522557       3445.1
   lost to ATV IX only               522557       3445.1
   lost to all IX                    522557       3445.1

 Potential Interfering Stations Included in above Scenario     1

30A MA BOSTON               BDTV      0712         LIC
30A NJ NEWARK               BDTV      1062         LIC
31A DE WILMINGTON           BDTV      0288         LIC
31A MA BOSTON               BDTV      0713         LIC
32A MA BOSTON               BDTV      0714         LIC

After Analysis

Results for: 31A CT HARTFORD             BDTV      0267         LIC
   HAAT  506.0 m, ATV ERP  380.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     4839797      31151.0
   not affected by terrain losses   4354162      27713.9
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      700337       4100.4
   lost to ATV IX only               700337       4100.4
   lost to all IX                    700337       4100.4

 Potential Interfering Stations Included in above Scenario     1

30A MA BOSTON               BDTV      0712         LIC
30A NJ NEWARK               BDTV      1062         LIC
```

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31A DE WILMINGTON           BDTV      0288         LIC
31A MA BOSTON               BDTV      0713         LIC
32A MA BOSTON               BDTV      0714         LIC
31A NY NEW YORK             USERRECORD01           APP

 The following station failed the de minimis interference criteria.
 31D NY NEW YORK             USERRECORD01
 ERP  100.00 kW  HAAT   361.0 m  RCAMSL   374.0 m
 Antenna CDB 00000000058940

 Due to interference to the following station and scenario:     1
 31D CT HARTFORD             BDTV      0267
 ERP  380.00 kW  HAAT   506.0 m  RCAMSL   605.0 m
 Antenna CDB 00000000066902

 Percent Service lost without proposal:     0.0  to BDTV      0267
 Percent Service lost with proposal:        4.6  to BDTV      0267


Worst case new IX    4.6398% Scenario      1
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<THE WPXN-DT APPENDIX B ALLOTMENT CAUSES INTERFERENCE TO 4.8643% TO CHANNEL 31 AT HARTFORD, CONNECTECUT. THEREFORE, NO INCREASE IS PREDICETED.>

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     Analysis of Interference to Affected Station   3


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WPPX       WILMINGTON DE             BDTV      -0288

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WFUT-TV  NEWARK NJ                132.3  LIC    BDTV      -1062
 30   WGCB-TV  RED LION PA              115.7  LIC    BDTV      -1334
 31   WTIC-TV  HARTFORD CT              273.7  LIC    BDTV      -0267
 31   WFXT     BOSTON MA                419.7  LIC    BDTV      -0713
 31   WAVY-TV  PORTSMOUTH VA            374.8  LIC    BDTV      -1667
 32   WPSG     PHILADELPHIA PA            0.0  LIC    BDTV      -1322
 32   WQPX     SCRANTON PA              160.3  LIC    BDTV      -1336
 31   WPXN-TV  NEW YORK NY              131.8  APP    USERRECORD-01

 Total scenarios =   1


Result key:        3
Scenario        1  Affected station        3
Before Analysis

Results for: 31A DE WILMINGTON           BDTV      0288         LIC
   HAAT  374.0 m, ATV ERP  200.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     7750928      22257.0
   not affected by terrain losses   7555396      21567.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       29807        121.0
   lost to ATV IX only                29807        121.0
   lost to all IX                     29807        121.0

 Potential Interfering Stations Included in above Scenario     1

30A NJ NEWARK               BDTV      1062         LIC
30A PA RED LION             BDTV      1334         LIC
31A CT HARTFORD             BDTV      0267         LIC
32A PA PHILADELPHIA         BDTV      1322         LIC

After Analysis

Results for: 31A DE WILMINGTON           BDTV      0288         LIC
   HAAT  374.0 m, ATV ERP  200.0 kW
                                POPULATION   AREA (sq km)
   within Noise Limited Contour     7750928      22257.0
   not affected by terrain losses   7555396      21567.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      502198       1955.9
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   lost to ATV IX only              502198       1955.9
   lost to all IX                   502198       1955.9

 Potential Interfering Stations Included in above Scenario     1

30A NJ NEWARK               BDTV      1062         LIC
30A PA RED LION             BDTV      1334         LIC
31A CT HARTFORD             BDTV      0267         LIC
32A PA PHILADELPHIA         BDTV      1322         LIC
31A NY NEW YORK             USERRECORD01           APP

 The following station failed the de minimis interference criteria.
 31D NY NEW YORK             USERRECORD01
 ERP  100.00 kW  HAAT   361.0 m  RCAMSL   374.0 m
 Antenna CDB 00000000058940

 Due to interference to the following station and scenario:     1
 31D DE WILMINGTON           BDTV      0288
 ERP  200.00 kW  HAAT   374.0 m  RCAMSL   438.0 m
 Antenna CDB 00000000039302

 Percent Service lost without proposal:     0.0  to BDTV      0288
 Percent Service lost with proposal:        6.3  to BDTV      0288


Worst case new IX    6.2771% Scenario      1

<THE WPXN-DT APPENDIX B ALLOTMENT CAUSES INTERFERENCE TO 9.1541% TO CHANNEL 31 AT
WILMINGTON, DELEWARE.  THEREFORE, NO INCREASE IS PREDICTED.>

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     Analysis of Interference to Affected Station   4


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WFXT       BOSTON MA                BDTV      -0713

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WBZ-TV   BOSTON MA                 1.7  LIC    BDTV      -0712
 31   WTIC-TV  HARTFORD CT              149.0  LIC    BDTV      -0267
 31   WPPX     WILMINGTON DE            419.7  LIC    BDTV      -0288
 32   WBPX     BOSTON MA                  0.6  LIC    BDTV      -0714
 31   WPXN-TV  NEW YORK NY              287.9  APP    USERRECORD-01

 Total scenarios =   1


Result key:        4
Scenario        1  Affected station        4
Before Analysis

Results for: 31A MA BOSTON               BDTV      0713         LIC
   HAAT  341.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     7191047      29533.7
   not affected by terrain losses   7138563      28666.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      226325       2545.5
   lost to ATV IX only               226325       2545.5
   lost to all IX                    226325       2545.5

 Potential Interfering Stations Included in above Scenario     1

30A MA BOSTON               BDTV      0712         LIC
31A CT HARTFORD             BDTV      0267         LIC
32A MA BOSTON               BDTV      0714         LIC

After Analysis

Results for: 31A MA BOSTON               BDTV      0713         LIC
   HAAT  341.0 m, ATV ERP 1000.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     7191047      29533.7
   not affected by terrain losses   7138563      28666.4
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   lost to NTSC IX                          0          0.0
   lost to additional IX by ATV      226405       2553.6
   lost to ATV IX only               226405       2553.6
   lost to all IX                    226405       2553.6

 Potential Interfering Stations Included in above Scenario     1

30A MA BOSTON               BDTV      0712         LIC
31A CT HARTFORD             BDTV      0267         LIC
32A MA BOSTON               BDTV      0714         LIC
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.0012%

Worst case new IX    0.0012% Scenario      1

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     Analysis of Interference to Affected Station   5


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   32      WPSG       PHILADELPHIA PA           BDTV      -1322

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 31   WPPX     WILMINGTON DE              0.0  LIC    BDTV      -0288
 32   WBPX     BOSTON MA                419.6  LIC    BDTV      -0714
 32   WTAJ-TV  ALTOONA PA               277.9  LIC    BDTV      -1300
 32   WQPX     SCRANTON PA              160.3  LIC    BDTV      -1336
 32   WVIR-TV  CHARLOTTESVILLE VA       361.7  LIC    BDTV      -1648
 33   WHUT-TV  WASHINGTON DC            199.3  LIC    BDTV      -0281
 33   WCBS-TV  NEW YORK NY              127.6  LIC    BDTV      -1152
 31   WPXN-TV  NEW YORK NY              131.8  APP    USERRECORD-01

 Total scenarios =   1


Result key:        5
Scenario        1  Affected station        5
Before Analysis

Results for: 32A PA PHILADELPHIA         BDTV      1322         LIC
   HAAT  400.0 m, ATV ERP  250.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     8509480      24022.7
   not affected by terrain losses   8152989      23215.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      293260        702.5
   lost to ATV IX only               293260        702.5
   lost to all IX                    293260        702.5

 Potential Interfering Stations Included in above Scenario     1

32A PA ALTOONA              BDTV      1300         LIC
32A PA SCRANTON             BDTV      1336         LIC
32A VA CHARLOTTESVILLE      BDTV      1648         LIC
33A NY NEW YORK             BDTV      1152         LIC

After Analysis

Results for: 32A PA PHILADELPHIA         BDTV      1322         LIC
   HAAT  400.0 m, ATV ERP  250.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     8509480      24022.7
   not affected by terrain losses   8152989      23215.2
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      293260        702.5
   lost to ATV IX only               293260        702.5
   lost to all IX                    293260        702.5

 Potential Interfering Stations Included in above Scenario     1

32A PA ALTOONA              BDTV      1300         LIC
32A PA SCRANTON             BDTV      1336         LIC
32A VA CHARLOTTESVILLE      BDTV      1648         LIC
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33A NY NEW YORK             BDTV      1152         LIC
31A NY NEW YORK             USERRECORD01           APP

Percent new IX =    0.0000%

Worst case new IX    0.0000% Scenario      1

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     Analysis of Interference to Affected Station   6


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   32      WQPX       SCRANTON PA              BDTV      -1336

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 31   WPPX     WILMINGTON DE            160.3  LIC    BDTV      -0288
 32   WBPX     BOSTON MA                385.0  LIC    BDTV      -0714
 32   WNLO     BUFFALO NY               317.1  LIC    BDTV      -1132
 32   WTAJ-TV  ALTOONA PA               247.3  LIC    BDTV      -1300
 32   WPSG     PHILADELPHIA PA          160.3  LIC    BDTV      -1322
 32   WETK     BURLINGTON VT            417.2  LIC    BDTV      -1690
 33   WCBS-TV  NEW YORK NY              164.5  LIC    BDTV      -1152
 31   WPXN-TV  NEW YORK NY              164.5  APP    USERRECORD-01
 Proposal causes no interference

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     Analysis of Interference to Affected Station   7


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   31      WPXN-TV    NEW YORK NY              USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 30   WFUT-TV  NEWARK NJ                 0.9  LIC    BDTV      -1062
 31   WTIC-TV  HARTFORD CT              143.4  LIC    BDTV      -0267
 31   WPPX     WILMINGTON DE            131.8  LIC    BDTV      -0288
 31   WFXT     BOSTON MA                287.9  LIC    BDTV      -0713
 32   WPSG     PHILADELPHIA PA          131.8  LIC    BDTV      -1322
 32   WQPX     SCRANTON PA              164.5  LIC    BDTV      -1336

 Total scenarios =   1


Result key:        6
Scenario        1  Affected station        7
Before Analysis

Results for: 31A NY NEW YORK             USERRECORD01           APP
   HAAT  361.0 m, ATV ERP  100.0 kW
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour    18330690      20139.0
   not affected by terrain losses  18116577      18839.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV      884663       2909.9
   lost to ATV IX only               884663       2909.9
   lost to all IX                    884663       2909.9

 Potential Interfering Stations Included in above Scenario     1

30A NJ NEWARK               BDTV      1062         LIC
31A CT HARTFORD             BDTV      0267         LIC
31A DE WILMINGTON           BDTV      0288         LIC
31A MA BOSTON               BDTV      0713         LIC
32A PA PHILADELPHIA         BDTV      1322         LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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APPENDIX

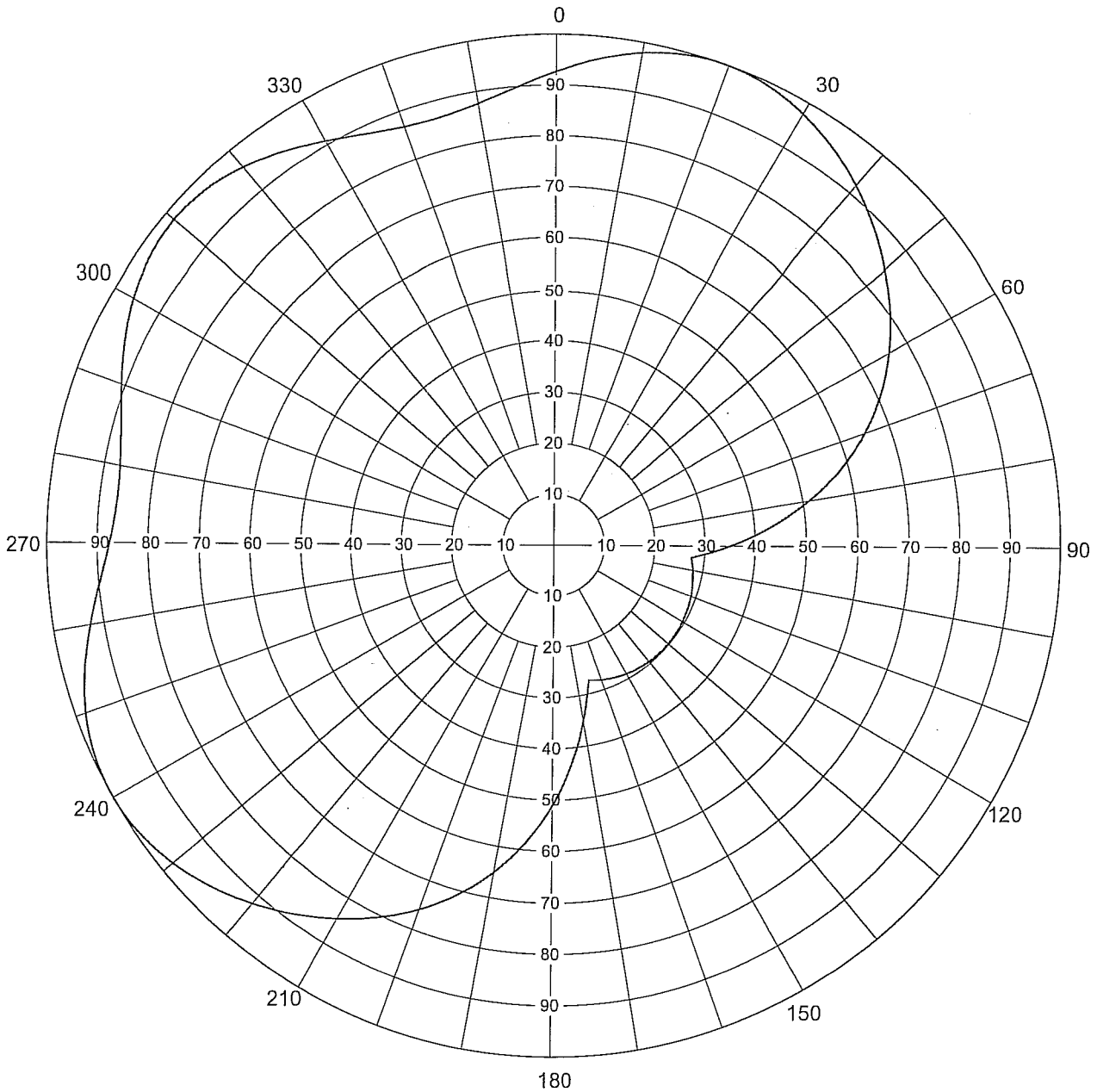
TRANSMITTING ANTENNA VERTICAL AND HORIZONTAL PLANE PATTERN

Dielectric

Proposal Number		Revision	
Date	**12 Mar 2003**		
Call Letters	**WPXN**	Channel	**31**
Location	**New York, NY**		
Customer	**Paxson**		
Antenna Type	**TFU-24DSC-R CT170SP DC**		

AZIMUTH PATTERN

Gain	**1.70 (2.30 dB)**	Frequency	**575 MHz**
Calculated / Measured	**Calculated**	Drawing #	**TFU-CT170SP/S260-31**



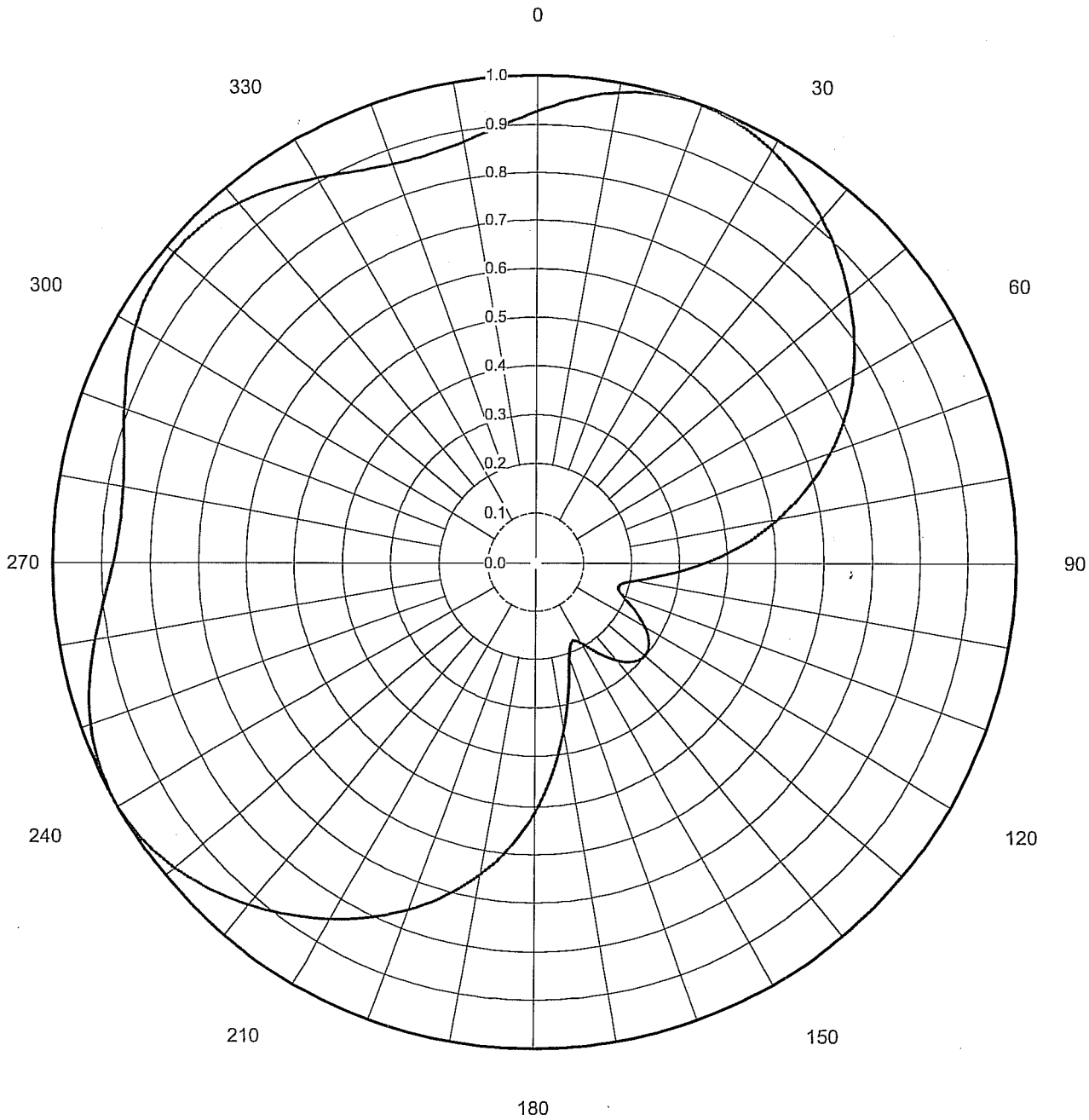
Remarks: Envelope pattern: CT170SP (Hpol) & S260 (Vpol)

Dielectric

Proposal Number	DCA-10168		
Date	4-Feb-03		
Call Letters	WPXN	Channel	31
Location	New York, NY		
Customer	Paxson		
Antenna Type	TFU-24DSC-R CT170SP DC		

AZIMUTH PATTERN

Gain	1.70 (2.30 dB)	Frequency	575.00 MHz
Calculated / Measured	Calculated	Drawing #	TFU-CT170SP-31

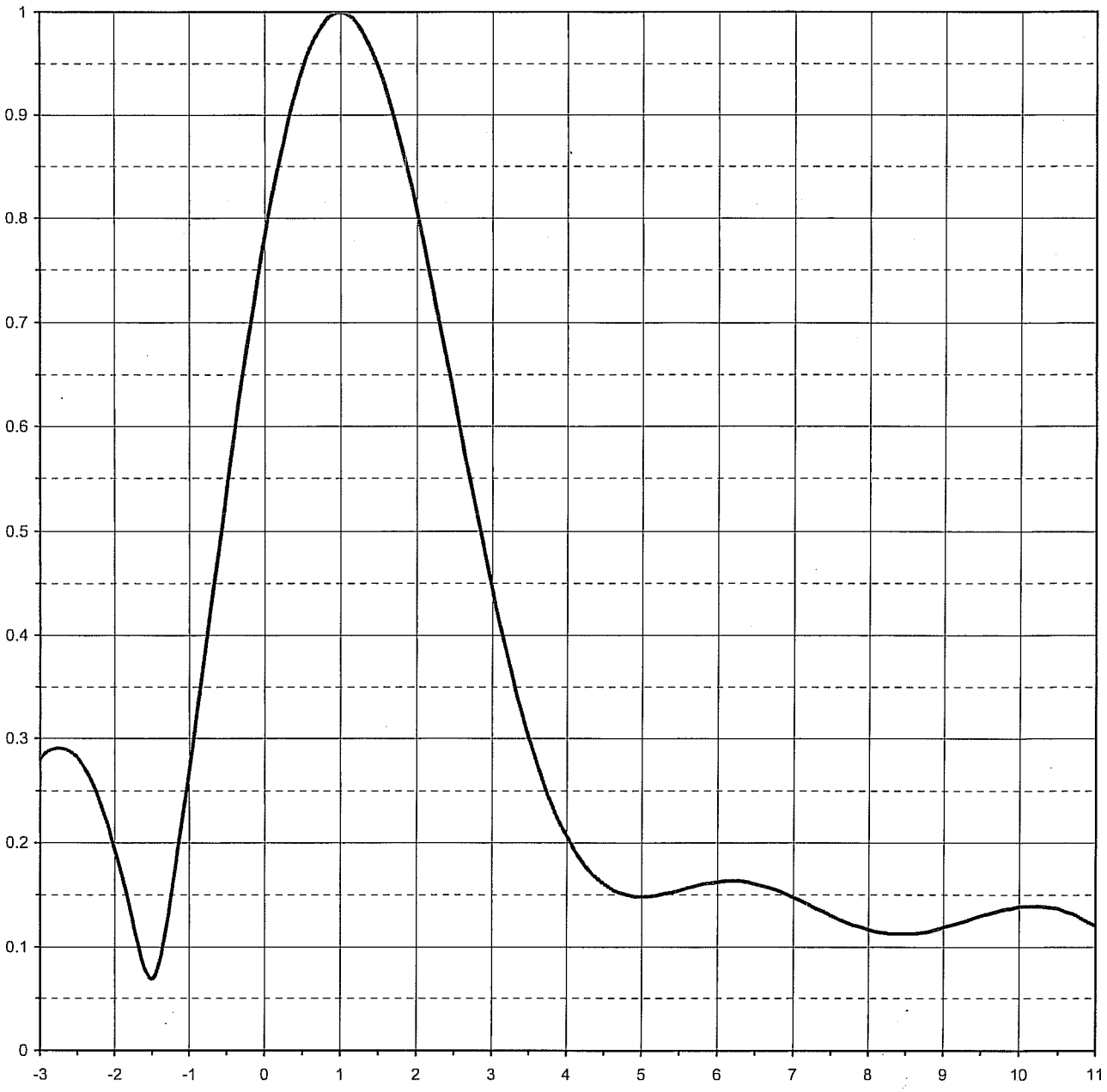


Dielectric

Proposal Number	DCA-10168		
Date	4-Feb-03		
Call Letters	WPXN	Channel	31
Location	New York, NY		
Customer	Paxson		
Antenna Type	TFU-24DSC-R CT170SP DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	19.00 (12.79 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	11.60 (10.64 dB)	Frequency	575.00 MHz
Calculated / Measured	Calculated	Drawing #	24Q19010N100



Dielectric

Proposal Number	DCA-10168		
Date	4-Feb-03		
Call Letters	WPXN	Channel	31
Location	New York, NY		
Customer	Paxson		
Antenna Type	TFU-24DSC-R CT170SP DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	19.00 (12.79 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	11.60 (10.64 dB)	Frequency	575.00 MHz
Calculated / Measured	Calculated	Drawing #	24Q19010N100-90