TECHNICAL EXHIBIT

APPLICATION FOR DTV AUXILIARY FACILITY CONSTRUCTION PERMIT

STATION WUNG-DT

CONCORD, NORTH CAROLINA

CH 44 422 KW 232 M

#### Technical Narrative

This Technical Exhibit supports an application for the WUNG-DT auxiliary (stand-by) facility. This application requests a construction permit (CP) for a digital television auxiliary operation on channel 44 at Concord, North Carolina with a non-directional effective radiated power of 422 kilowatts.

#### Proposed Facilities

Station WUNG-DT proposes to operate DTV auxiliary channel 44 from its main DTV transmitter site. The antenna height above average terrain for the channel 44 DTV auxiliary operation is 232 meters. Therefore, the proposed site location is:

35° 21′ 30″ North Latitude 80° 36′ 37″ West Longitude

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

Consulting Engineers
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Concord, North Carolina

Figure 2 is a map showing the DTV predicted coverage contours for both the herein proposed auxiliary and its main facility. As can be seen, the proposed auxiliary noise-limited contour is entirely encompassed by its main facility contour. The extent of the contour has been calculated using the normal FCC prediction method.

#### Radiofrequency Electromagnetic Field Exposure

The proposed WUNG-DT facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed WUNG-DT auxiliary antenna is located 231 meters above ground level. The effective radiated power is 422 kilowatts. A "worst-case" relative field value of 0.5 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is less than 0.07 mW/cm². This is 15 percent of the Commission's recommended limit of 0.44 mW/cm² for channel 44 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. 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

## du Treil, Lundin & Rackley, Inc.

\_\_\_\_\_\_Consulting Engineers
Page 3
Concord, North Carolina

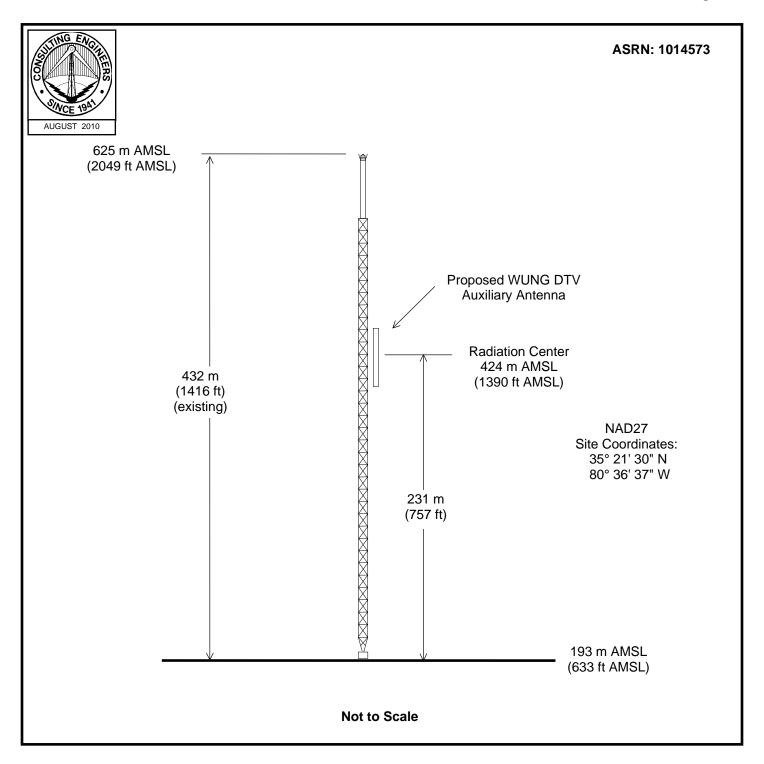
scheduling work when the stations are at reduced power or shut down.

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

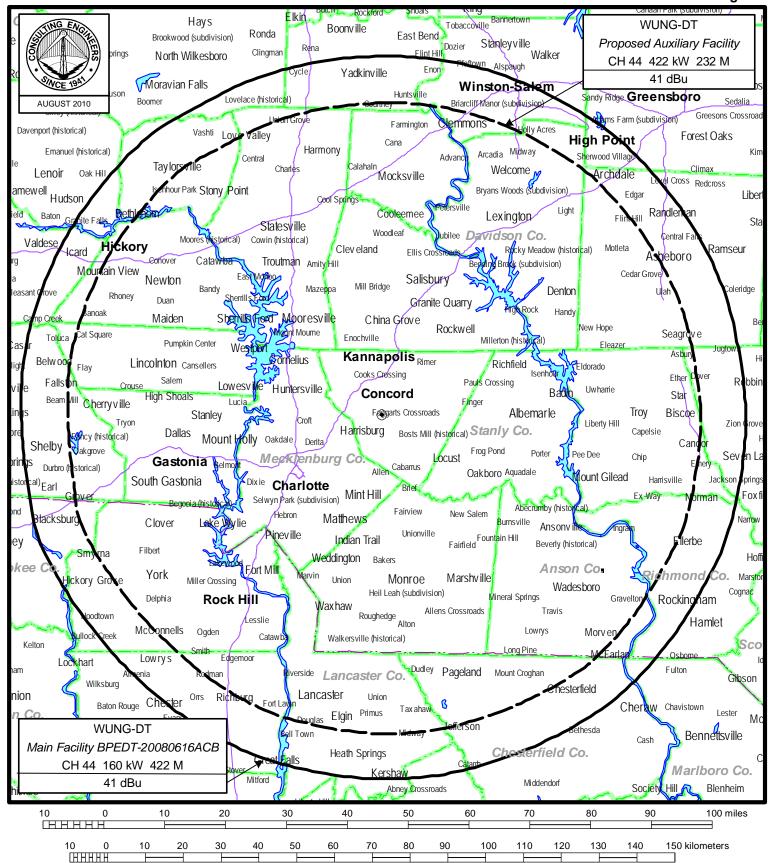
August 16, 2010



# **ANTENNA AND SUPPORTING STRUCTURE**

DTV STATION WUNG-DT AUXILIARY FACILITY CONCORD, NORTH CAROLINA CH 44 422 KW 232 M

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



## PREDICTED COVERAGE CONTOURS

STATION WUNG-DT - AUXILIARY FACILITY CONCORD, NORTH CAROLINA

CH 44 422 KW 232 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

# APPENDIX

TRANSMITTING ANTENNA
VERTICAL PLANE PATTERN



Proposal Number

Date

DCA-9087 28-Nov-00

Call Letters

WUNG-DT

Channel

44

Location

Concord, NC

**UN of North Carolina** TFU-30GTH-R O4

Antenna Type

Customer

#### **ELEVATION PATTERN**

RMS Gain at Main Lobe RMS Gain at Horizontal Calculated / Measured

Degrees Below Horizontal

27.00 18.70

Calculated

(14.31 dB)

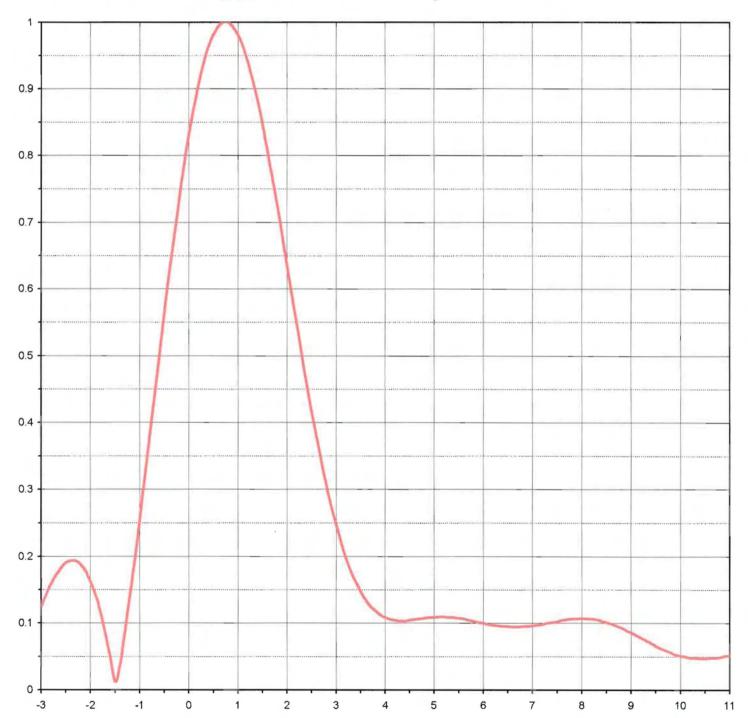
(12.72 dB)

Beam Tilt Frequency

Drawing #

0.75 deg 653.00 MHz

30G270075





Proposal Number

DCA-9087 28-Nov-00

Date

**WUNG-DT** Concord, NC

Channel 44

Location

Customer

Call Letters

**UN of North Carolina** 

Antenna Type

TFU-30GTH-R O4

### **ELEVATION PATTERN**

RMS Gain at Main Lobe RMS Gain at Horizontal

Degrees Below Horizontal

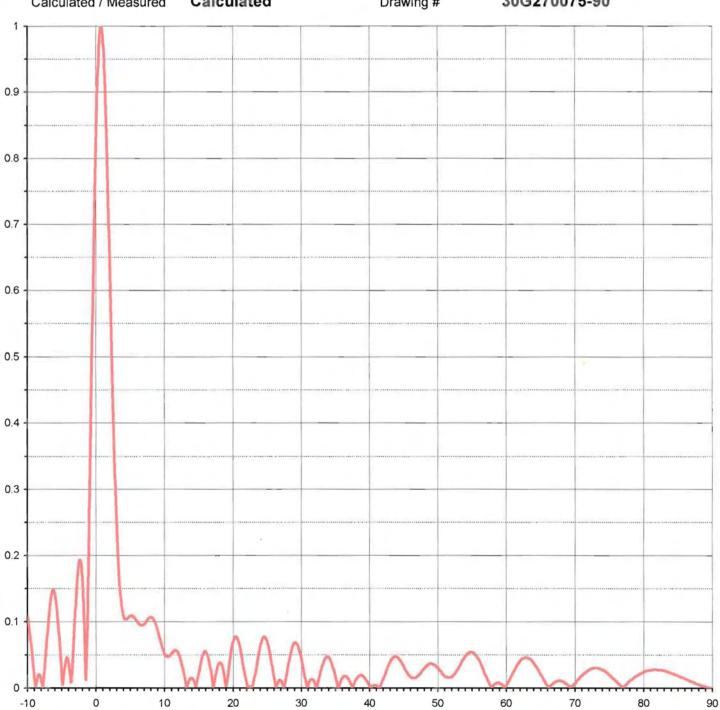
27.00 18.70 (14.31 dB) (12.72 dB)

Beam Tilt Frequency 0.75 deg 653.00 MHz

Calculated Calculated / Measured

Drawing #

30G270075-90





2.2

0.545

10.4

0.048

30.0

0.048

Proposal Number DCA-9087

Date

28-Nov-00

Call Letters

WUNG-DT

Channel

44

Location

Concord, NC

Customer

Antenna Type

UN of North Carolina TFU-30GTH-R O4

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: 30G270075-90

-9.5         0.066         2.6         0.378         10.8         0.048         31.0         0.002         51.5         0.016         72.0         0.90           -9.0         0.015         2.8         0.307         11.0         0.051         31.5         0.013         52.0         0.016         72.5         0.0           -8.5         0.018         3.0         0.247         11.5         0.056         32.0         0.009         52.5         0.021         73.0         0.0           -8.0         0.012         3.2         0.198         12.0         0.054         32.5         0.008         53.0         0.029         73.5         0.0           -7.5         0.033         3.4         0.161         12.5         0.040         33.0         0.028         53.5         0.038         74.0         0.0           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.0           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.024         55.5         0.051         76.0         0.0           -5.0 <t< th=""><th>0.02: 0.02: 0.03: 0.02: 0.02: 0.02: 0.01: 0.01: 0.00: 0.00: 0.00: 0.00:</th></t<>	0.02: 0.02: 0.03: 0.02: 0.02: 0.02: 0.01: 0.01: 0.00: 0.00: 0.00: 0.00:
-9.0         0.015         2.8         0.307         11.0         0.051         31.5         0.013         52.0         0.016         72.5         0.8           -8.5         0.018         3.0         0.247         11.5         0.056         32.0         0.009         52.5         0.021         73.0         0.           -8.0         0.012         3.2         0.198         12.0         0.004         32.5         0.008         53.0         0.029         73.5         0.           -7.5         0.033         3.4         0.161         12.5         0.040         33.0         0.028         53.5         0.038         74.0         0.           -7.0         0.096         3.6         0.135         13.0         0.016         33.5         0.043         54.0         0.047         74.5         0.           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.           -5.0         0.091	0.02 0.03 0.02 0.02 0.02 0.01 0.01 0.00 0.00 0.00
-8.5         0.018         3.0         0.247         11.5         0.056         32.0         0.009         52.5         0.021         73.0         0.8           -8.0         0.012         3.2         0.198         12.0         0.054         32.5         0.008         53.0         0.029         73.5         0.75           -7.5         0.033         3.4         0.161         12.5         0.040         33.0         0.028         53.5         0.038         74.0         0.047           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.0           -6.0         0.141         4.0         0.108         14.0         0.015         34.5         0.038         55.0         0.054         75.5         0.0           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.5           -5.0         0.017         4.4         0.103         15.5         0.044         36.0         0.014         56.5         0.053         77.0         0.0           -4.5	0.03 0.02 0.02 0.02 0.01 0.01 0.00 0.00
-8.0         0.012         3.2         0.198         12.0         0.054         32.5         0.008         53.0         0.029         73.5         0.7.5           -7.5         0.033         3.4         0.161         12.5         0.040         33.0         0.028         53.5         0.038         74.0         0.0           -7.0         0.096         3.6         0.135         13.0         0.016         33.5         0.043         54.0         0.047         74.5         0.0           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.0           -6.0         0.141         4.0         0.108         14.0         0.015         34.5         0.038         55.0         0.054         75.5         0.0           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0           -5.0         0.017         4.4         0.103         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0           -4.5         <	0.02 0.02 0.02 0.01 0.01 0.00 0.00 0.00
-7.5         0.033         3.4         0.161         12.5         0.040         33.0         0.028         53.5         0.038         74.0         0.0-7.0           -7.0         0.096         3.6         0.135         13.0         0.016         33.5         0.043         54.0         0.047         74.5         0.0-6.5           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.0-6.0           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0-5.0           -0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.0-6.0           -4.5         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0           -3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0           -3.0         0.124 <t< td=""><td>0.02 0.02 0.01 0.01 0.00 0.00 0.00</td></t<>	0.02 0.02 0.01 0.01 0.00 0.00 0.00
-7.0         0.096         3.6         0.135         13.0         0.016         33.5         0.043         54.0         0.047         74.5         0.6.5           -6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.6.0           -6.0         0.141         4.0         0.108         14.0         0.015         34.5         0.038         55.0         0.054         75.5         0.5           -5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0           -5.0         0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.0           -4.5         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0           -4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0           -3.0	0.02 0.02 0.01 0.01 0.00 0.00
-6.5         0.141         3.8         0.118         13.5         0.007         34.0         0.047         54.5         0.052         75.0         0.0-6.0           -6.0         0.141         4.0         0.108         14.0         0.015         34.5         0.038         55.0         0.054         75.5         0.0-5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0-5.0         0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.0-4.5         0.033         47.0         0.0-4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77.5         0.0-20         77	0.02 0.01 0.01 0.00 0.00 0.00
-6.0         0.141         4.0         0.108         14.0         0.015         34.5         0.038         55.0         0.054         75.5         0.051         75.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0         -5.0         0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.0         -4.5         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0         -4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0         -3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0         -3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0         0.0         -2.8         0.158         5.4         0.108         17.5         0.017         <	0.01 0.00 0.00 0.00 0.00
-5.5         0.091         4.2         0.104         14.5         0.006         35.0         0.020         55.5         0.051         76.0         0.0-5.0           -5.0         0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.0-4.5         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0-4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0-3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0-3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.009         78.0         0.0-2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0-2.8         0.018         59.0         0.008         79.5         0.0-2.0         0.007         79.0         0.0-2.0	0.01 0.00 0.00 0.00
-5.0         0.017         4.4         0.103         15.0         0.019         35.5         0.001         56.0         0.044         76.5         0.044           -4.5*         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.0           -4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0           -3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0           -3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0           -2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.2	0.00
-4.5°         0.038         4.6         0.105         15.5         0.044         36.0         0.014         56.5         0.033         77.0         0.04           -4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0           -3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0           -3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0           -2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.8         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.0         <	0.00
-4.0         0.037         4.8         0.107         16.0         0.055         36.5         0.018         57.0         0.020         77.5         0.0           -3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0           -3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0           -2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -1.8 <td< td=""><td>0.00</td></td<>	0.00
-3.5         0.029         5.0         0.108         16.5         0.044         37.0         0.013         57.5         0.009         78.0         0.0           -3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0           -2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8 <td< td=""><td></td></td<>	
-3.0         0.124         5.2         0.109         17.0         0.015         37.5         0.002         58.0         0.001         78.5         0.0           -2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6 <td< td=""><td>0.01</td></td<>	0.01
-2.8         0.158         5.4         0.108         17.5         0.017         38.0         0.011         58.5         0.007         79.0         0.0           -2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.0           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4 <td< td=""><td>0.01</td></td<>	0.01
-2.6         0.182         5.6         0.106         18.0         0.037         38.5         0.018         59.0         0.008         79.5         0.00           -2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2 <t< td=""><td>0.01</td></t<>	0.01
-2.4         0.193         5.8         0.103         18.5         0.033         39.0         0.019         59.5         0.005         80.0         0.0           -2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -0.8 <td< td=""><td>0.01</td></td<>	0.01
-2.2         0.188         6.0         0.100         19.0         0.005         39.5         0.013         60.0         0.002         80.5         0.0           -2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8 <td< td=""><td>0.02</td></td<>	0.02
-2.0         0.162         6.2         0.097         19.5         0.034         40.0         0.005         60.5         0.012         81.0         0.0           -1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6 <td< td=""><td>0.02</td></td<>	0.02
-1.8         0.116         6.4         0.095         20.0         0.066         40.5         0.003         61.0         0.022         81.5         0.0           -1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4 <td< td=""><td>0.02</td></td<>	0.02
-1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4         0.624         7.8         0.106         23.5         0.031         44.0         0.047         64.5         0.029         85.0         0.0           -0.2 <td< td=""><td>0.02</td></td<>	0.02
-1.6         0.050         6.6         0.094         20.5         0.077         41.0         0.004         61.5         0.032         82.0         0.0           -1.4         0.038         6.8         0.095         21.0         0.065         41.5         0.001         62.0         0.040         82.5         0.0           -1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4         0.624         7.8         0.106         23.5         0.031         44.0         0.047         64.5         0.029         85.0         0.0           -0.2 <td< td=""><td>0.02</td></td<>	0.02
-1.2         0.140         7.0         0.096         21.5         0.038         42.0         0.012         62.5         0.044         83.0         0.0           -1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4         0.624         7.8         0.106         23.5         0.031         44.0         0.047         64.5         0.029         85.0         0.0           -0.2         0.735         8.0         0.107         24.0         0.059         44.5         0.042         65.0         0.020         85.5         0.0           0.0         0.832         8.2         0.106         24.5         0.076         45.0         0.034         65.5         0.011         86.0         0.0	0.02
-1.0         0.255         7.2         0.098         22.0         0.011         42.5         0.025         63.0         0.046         83.5         0.0           -0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4         0.624         7.8         0.106         23.5         0.031         44.0         0.047         64.5         0.029         85.0         0.0           -0.2         0.735         8.0         0.107         24.0         0.059         44.5         0.042         65.0         0.020         85.5         0.0           0.0         0.832         8.2         0.106         24.5         0.076         45.0         0.034         65.5         0.011         86.0         0.0	0.02
-0.8         0.378         7.4         0.101         22.5         0.002         43.0         0.038         63.5         0.044         84.0         0.0           -0.6         0.503         7.6         0.104         23.0         0.006         43.5         0.046         64.0         0.039         84.5         0.0           -0.4         0.624         7.8         0.106         23.5         0.031         44.0         0.047         64.5         0.029         85.0         0.0           -0.2         0.735         8.0         0.107         24.0         0.059         44.5         0.042         65.0         0.020         85.5         0.0           0.0         0.832         8.2         0.106         24.5         0.076         45.0         0.034         65.5         0.011         86.0         0.0	0.02
-0.6     0.503     7.6     0.104     23.0     0.006     43.5     0.046     64.0     0.039     84.5     0.000       -0.4     0.624     7.8     0.106     23.5     0.031     44.0     0.047     64.5     0.029     85.0     0.000       -0.2     0.735     8.0     0.107     24.0     0.059     44.5     0.042     65.0     0.020     85.5     0.000       0.0     0.832     8.2     0.106     24.5     0.076     45.0     0.034     65.5     0.011     86.0     0.000	0.02
-0.4     0.624     7.8     0.106     23.5     0.031     44.0     0.047     64.5     0.029     85.0     0.0       -0.2     0.735     8.0     0.107     24.0     0.059     44.5     0.042     65.0     0.020     85.5     0.0       0.0     0.832     8.2     0.106     24.5     0.076     45.0     0.034     65.5     0.011     86.0     0.0	0.02
-0.2         0.735         8.0         0.107         24.0         0.059         44.5         0.042         65.0         0.020         85.5         0.0           0.0         0.832         8.2         0.106         24.5         0.076         45.0         0.034         65.5         0.011         86.0         0.0	0.02
0.0 0.832 8.2 0.106 24.5 0.076 45.0 0.034 65.5 0.011 86.0 0.	0.01
	0.01
0.0 0.00 0.1 0.100 0.00 0.00 0.00 0.00	0.01
0.2 0.909 8.4 0.103 25.0 0.072 45.5 0.024 66.0 0.003 86.5 0.	0.01
0.4 0.964 8.6 0.099 25.5 0.051 46.0 0.017 66.5 0.004 87.0 0.	0.01
0.6 0.994 8.8 0.093 26.0 0.020 46.5 0.015 67.0 0.008 87.5 0.	0.00
	0.00
	0.00
1.2 0.941 9.4 0.070 27.5 0.001 48.0 0.029 68.5 0.008 89.0 0.	0.00
1.4 0.882 9.6 0.062 28.0 0.024 48.5 0.034 69.0 0.004 89.5 0.	0.00
	0.00
1.8 0.724 10.0 0.053 29.0 0.067 49.5 0.035 70.0 0.007	
2.0 0.635 10.2 0.050 29.5 0.066 50.0 0.031 70.5 0.013	

50.5

0.025

71.0

0.019