



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

ENGINEERING STATEMENT

In support of a request for a

Minor Modification to a Construction Permit

For Digital Channel 23

KEDT Corpus Christi, TX

50 kW ERP 270 m HAAT

PURPOSE

MARSAND, INC. has been retained by South Texas Public Broadcasting System (the "Permittee") of KEDT digital Channel 23 of Corpus Christi, TX (the "Station"), to prepare this engineering statement in support of a request for a Minor Modification to a Construction Permit (CP). The Federal Communications Commission (the "Commission") established Channel 23 for the Station's post-transition operation in "Appendix B" allotment (Seventh Report and Order in MB Docket No. 87-258). The Permittee currently operates the post-transitional digital Channel 23 facility at reduced power under a Special Temporary Authority (STA) BSTA-20030422ABM. A CP exists for full power operation at 200 kW Effective Radiated Power (ERP) and 273 m Height Above Average Terrain (HAAT) granted by the Commission in 2000 (BPEDT-20000303AAG). Under this instant proposal, the Permittee seeks authorization to modify the CP for operation at 50 kW ERP and 270 m HAAT.

DISCUSSION

The Permittee proposes to establish its post-transition digital service on Channel 23 at 50 kW ERP and 270 m HAAT utilizing the same directional antenna pattern authorized under the existing CP. The proposed facility is located at the site authorized under the existing CP. The calculated F(50,90) 48 dBu contour would encompass the principal community, Corpus Christi, TX, entirely as shown in Figure 1. Also shown in Figure 1 is the F(50,90) 41 dBu contour.

MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

A population study under the 41 dBu contour predicts service to 485,544 people or 97% of the population specified in the new DTV Table Appendix B. These figures are derived using the 2000 Census.

Since the 41 dBu contour lies entirely within the coverage authorized, shown in Figure 1, no additional interference to others is predicted other than what is already allowed under the existing CP. The proposal is clear of any FCC monitoring stations and quiet zones. It is also further than 3.2 km from the nearest AM station.

CONCLUSION

It is respectfully requested that the Commission grant this request for Minor Modification to a CP for the proposed transmission facility as indicated in the accompanying TECH BOX.



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

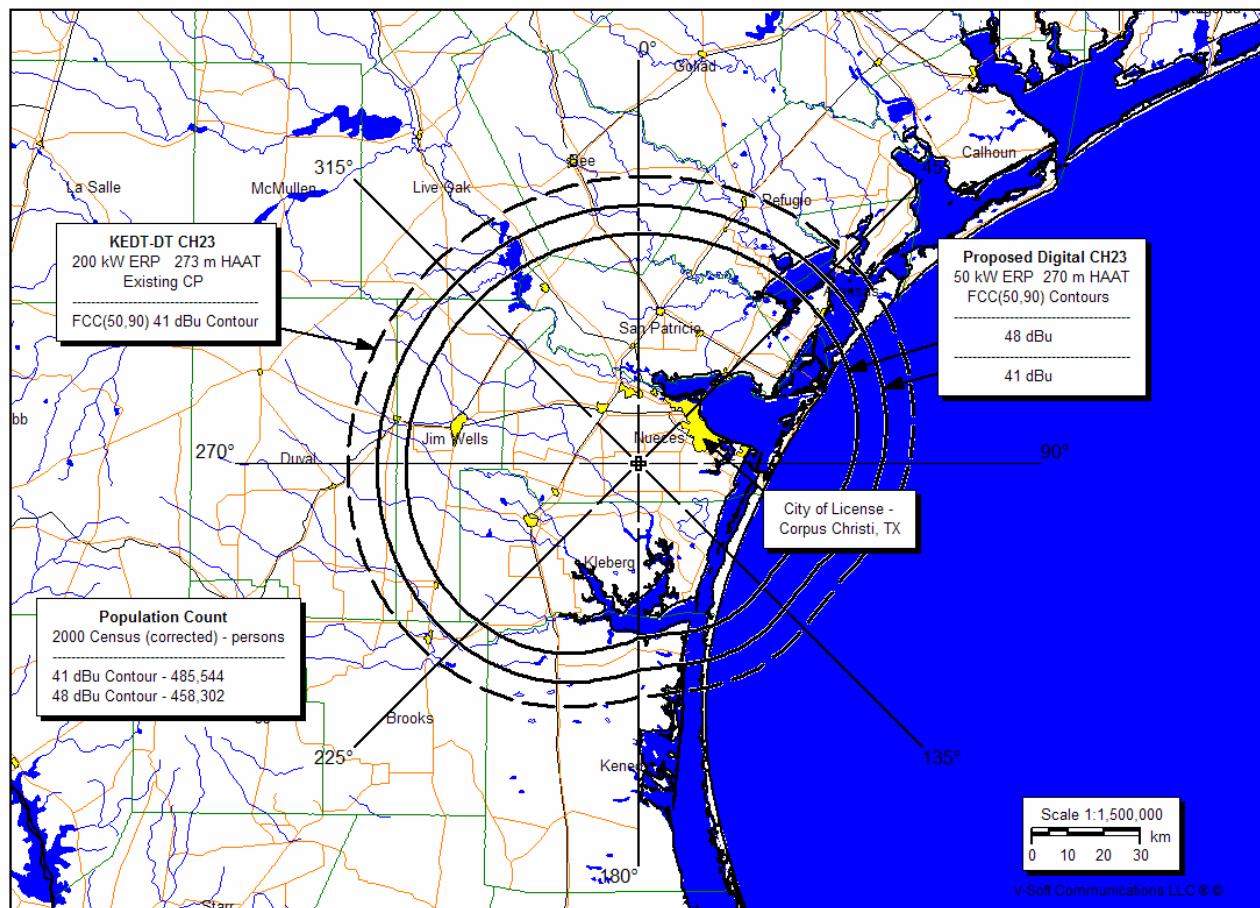


Figure 1



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by South Texas Public Broadcasting System, to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by South Texas Public Broadcasting System, and as to those facts, he believes them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Matthew A. Sanderford, Jr., P.E.
President - MARSAND, INC.

Executed this 14th day of March, 2008
State of Texas

MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

Appendix



A Unit of SPX Corporation

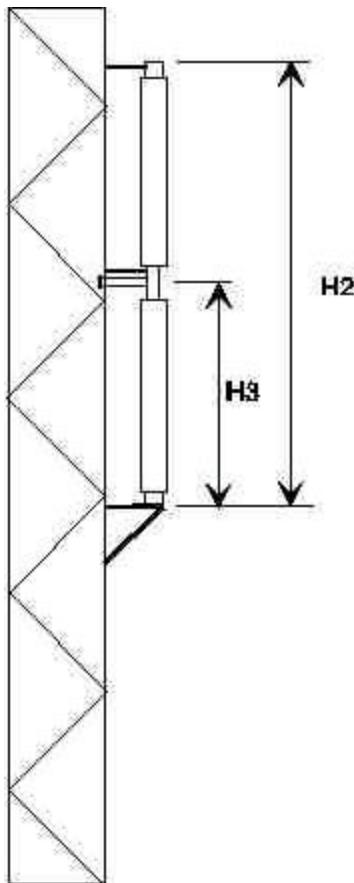
| | |
|----------------------|---------------------------|
| Specification Number | 535:3:100054 |
| Date | February 20, 2003 |
| Call Letters | KEDT |
| Channel | DT23 |
| Location | Corpus Christi, TX |
| Antenna Type | TFU-30DSC-R C170 |
| Customer | |

SPECIFICATION SHEET

| Electrical Specifications | | Value | | Remarks |
|--|------------|--------------------|----------------------|-------------|
| | | Ratio | dB | |
| RMS Gain at Main Lobe over Halfwave Dipole | Hpol | | | |
| | Vpol | | | |
| RMS Gain at Horizontal over Halfwave Dipole | Hpol | | | |
| | Vpol | | | |
| Peak Directional Gain at Main Lobe over Halfwave Dipole | Hpol | 43.4 | 16.37 | |
| | Vpol | | | |
| Peak Directional Gain at Horizontal over Halfwave Dipole | Hpol | 19.5 | 12.90 | |
| | Vpol | | | |
| Circularity | | | | |
| Axial Ratio | | | | |
| Beam Tilt | | 1 deg | | |
| Average Power DTV | 40 kW | 16.02 dBk | | |
| Antenna Input: T/L | 6 1/8 inch | 50 ohm EIA | | |
| Maximum Antenna Input VSWR | | | | |
| Channel 1.08:1 | | | | |
| Patterns | Azimuth | TFU-C170 | | |
| | Elevation | 30Q25510 | 30Q25510-90 | |
| Mechanical Specifications | | Metric | English | Preliminary |
| Height with Lightning Protector | H4 | 0.0 m | ft | |
| Height Less Lightning Protector | H2 | 18.7 m | 61.7 ft | |
| Height of Center of Radiation | H3 | 9.4 m | 30.8 ft | |
| Basic Wind Speed | V | 112.6 km/h | 70 mi/h | |
| Force Coeff. x Projected Area | CaAc | 9.1 m ² | 97.7 ft ² | |
| Moment Arm | D1 | | | |
| Force Coeff. x Projected Area | CaAc | | | |
| Moment Arm | D3 | | | |
| Pole Bury Length | D2 | | | |
| Weight | W | 0.5 t | 1140 lbs | |
| Radome | | | | |
| Antenna designed in accordance with AISC specifications for design of structural steel for building as prescribed by TIA/EIA-222-F | | | | |



Specification Number **535:3:100054**
Date **February 20, 2003**
Call Letters **KEDT**
Channel **DT23**
Location **Corpus Christi, TX**
Antenna Type **TFU-30DSC-R C170**
Customer



MEASUREMENTS

H2 = 61.7 ft
H3 = 30.8 ft

MECHANICAL DATA

Designed Wind Speed = 70 mi/h
Weight = 1,140 lbs
CaAc = 97.7 ft²

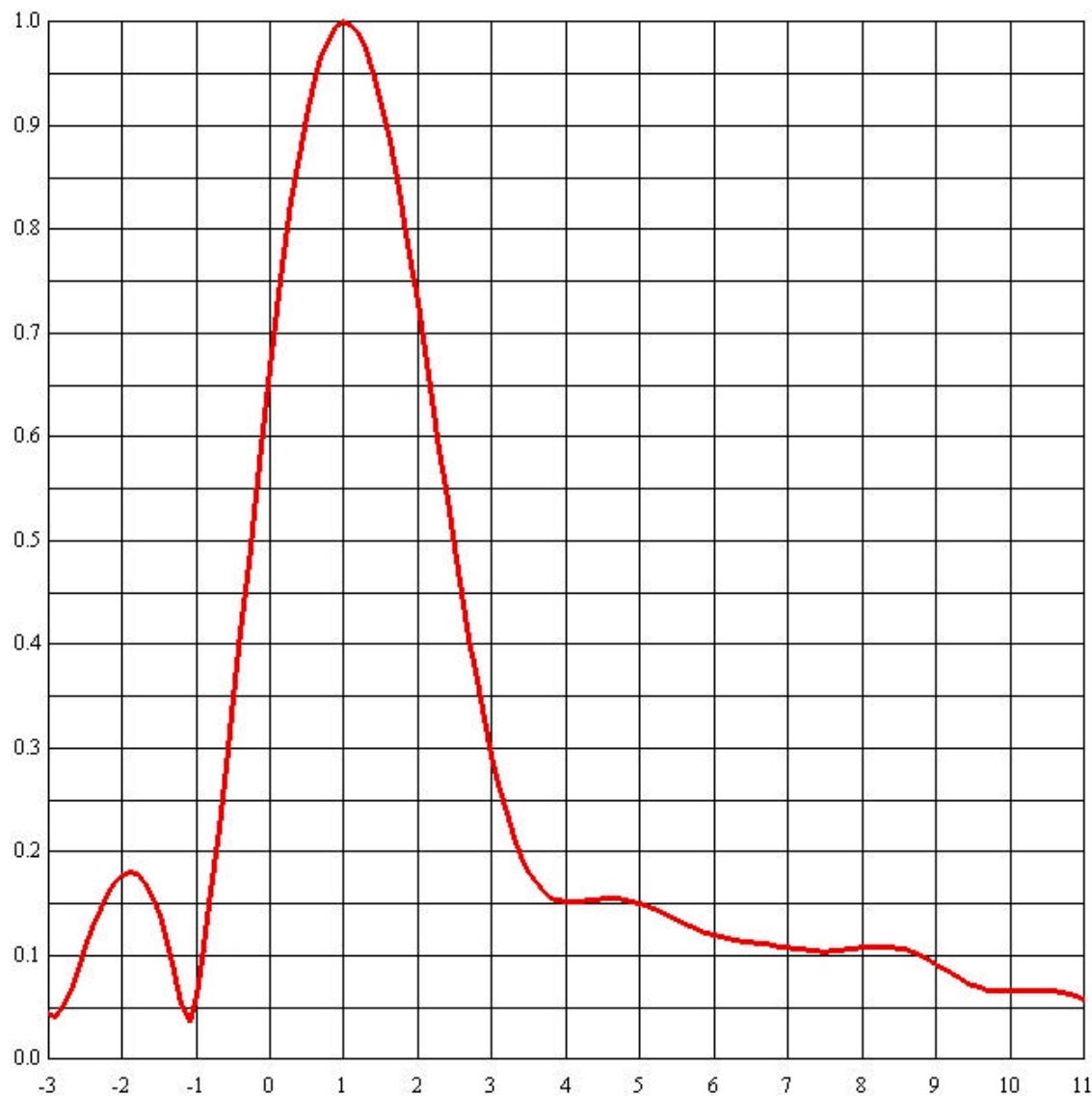
NOT DRAWN TO SCALE



Specification Number **535:3:100054**
Date **February 20, 2003**
Call Letters **KEDT**
Channel **DT23**
Location **Corpus Christi, TX**
Antenna Type **TFU-30DSC-R C170**
Customer

Elevation Pattern

| | | | | |
|------------------------|-------------------|-----------------|-----------|--------------------|
| RMS Gain at Main Lobe | 25.5 | 14.07 dB | Beam Tilt | 1 degrees |
| RMS Gain at Horizontal | 11.4 | 10.57 dB | Frequency | 527 MHz |
| Calculated / Measured | Calculated | | Drawing# | 30Q25510-90 |



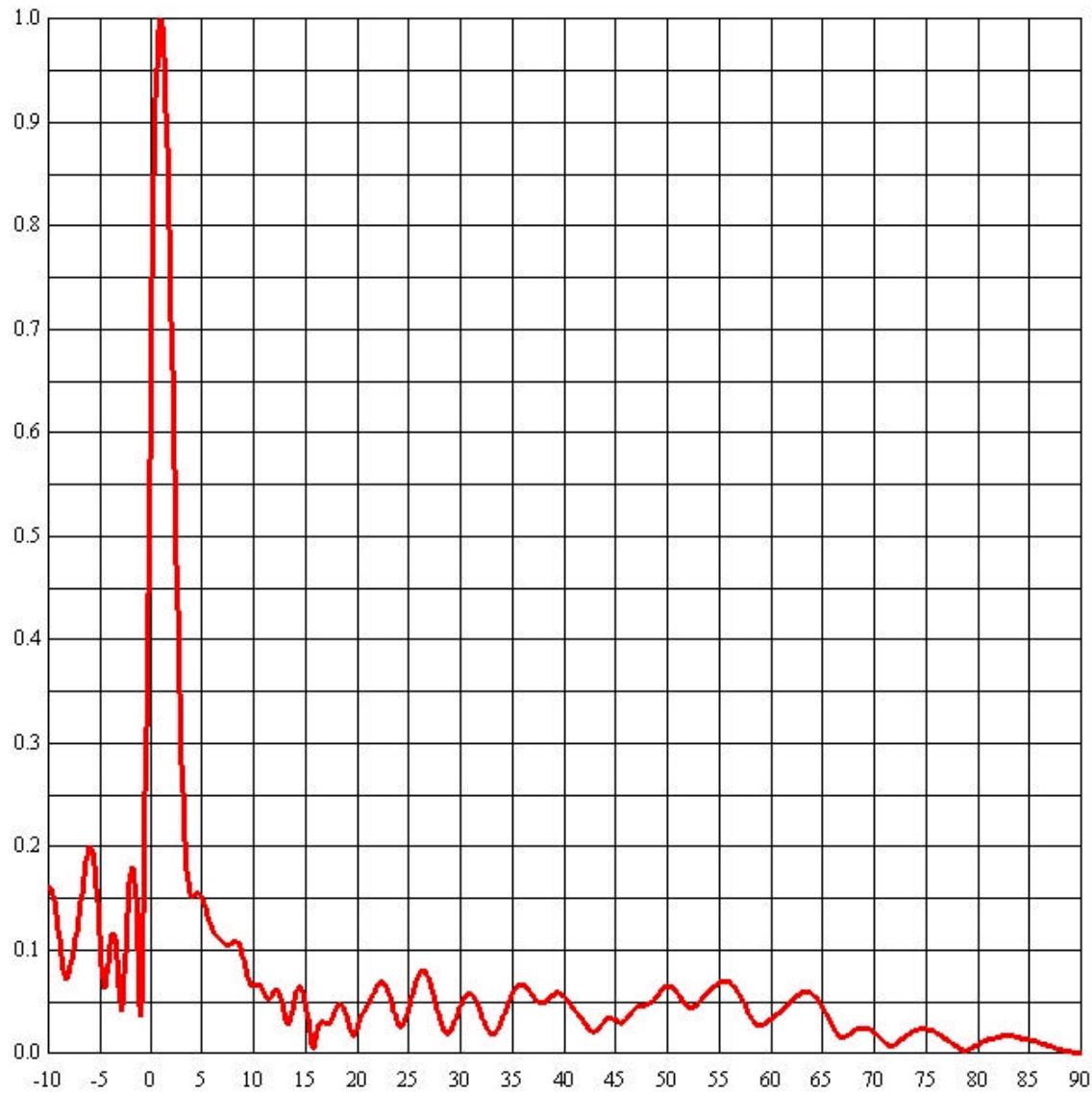
Degrees below horizontal.



Specification Number **535:3:100054**
Date **February 20, 2003**
Call Letters **KEDT**
Channel **DT23**
Location **Corpus Christi, TX**
Antenna Type **TFU-30DSC-R C170**
Customer

Elevation Pattern

| | | | | |
|------------------------|-------------------|-----------------|-----------|--------------------|
| RMS Gain at Main Lobe | 25.5 | 14.07 dB | Beam Tilt | 1 degrees |
| RMS Gain at Horizontal | 11.4 | 10.57 dB | Frequency | 527 MHz |
| Calculated / Measured | Calculated | | Drawing# | 30Q25510-90 |



Degrees below horizontal.



A Unit of SPX Corporation

Specification Number
Date
Call Letters
Channel
Location
Antenna Type
Customer

535:3:100054
February 20, 2003
KEDT
DT23
Corpus Christi, TX
TFU-30DSC-R C170

TABULATION OF ELEVATION PATTERN

| Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -10.0 | 0.161 | 2.4 | 0.541 | 10.6 | 0.066 | 30.5 | 0.056 | 51.0 | 0.058 | 71.5 | 0.008 |
| -9.5 | 0.151 | 2.6 | 0.449 | 10.8 | 0.063 | 31.0 | 0.058 | 51.5 | 0.051 | 72.0 | 0.009 |
| -9.0 | 0.115 | 2.8 | 0.366 | 11.0 | 0.058 | 31.5 | 0.051 | 52.0 | 0.046 | 72.5 | 0.013 |
| -8.5 | 0.077 | 3.0 | 0.294 | 11.5 | 0.053 | 32.0 | 0.038 | 52.5 | 0.045 | 73.0 | 0.017 |
| -8.0 | 0.078 | 3.2 | 0.237 | 12.0 | 0.060 | 32.5 | 0.026 | 53.0 | 0.049 | 73.5 | 0.020 |
| -7.5 | 0.103 | 3.4 | 0.196 | 12.5 | 0.058 | 33.0 | 0.019 | 53.5 | 0.055 | 74.0 | 0.023 |
| -7.0 | 0.135 | 3.6 | 0.170 | 13.0 | 0.038 | 33.5 | 0.022 | 54.0 | 0.060 | 74.5 | 0.024 |
| -6.5 | 0.175 | 3.8 | 0.156 | 13.5 | 0.031 | 34.0 | 0.032 | 54.5 | 0.065 | 75.0 | 0.024 |
| -6.0 | 0.200 | 4.0 | 0.152 | 14.0 | 0.055 | 34.5 | 0.045 | 55.0 | 0.068 | 75.5 | 0.023 |
| -5.5 | 0.176 | 4.2 | 0.152 | 14.5 | 0.064 | 35.0 | 0.058 | 55.5 | 0.070 | 76.0 | 0.020 |
| -5.0 | 0.106 | 4.4 | 0.154 | 15.0 | 0.048 | 35.5 | 0.065 | 56.0 | 0.069 | 76.5 | 0.017 |
| -4.5 | 0.065 | 4.6 | 0.155 | 15.5 | 0.017 | 36.0 | 0.067 | 56.5 | 0.064 | 77.0 | 0.014 |
| -4.0 | 0.109 | 4.8 | 0.154 | 16.0 | 0.016 | 36.5 | 0.063 | 57.0 | 0.056 | 77.5 | 0.010 |
| -3.5 | 0.106 | 5.0 | 0.151 | 16.5 | 0.030 | 37.0 | 0.056 | 57.5 | 0.046 | 78.0 | 0.007 |
| -3.0 | 0.044 | 5.2 | 0.145 | 17.0 | 0.029 | 37.5 | 0.050 | 58.0 | 0.036 | 78.5 | 0.004 |
| -2.8 | 0.051 | 5.4 | 0.139 | 17.5 | 0.032 | 38.0 | 0.049 | 58.5 | 0.029 | 79.0 | 0.004 |
| -2.6 | 0.087 | 5.6 | 0.131 | 18.0 | 0.044 | 38.5 | 0.053 | 59.0 | 0.027 | 79.5 | 0.006 |
| -2.4 | 0.127 | 5.8 | 0.125 | 18.5 | 0.047 | 39.0 | 0.057 | 59.5 | 0.029 | 80.0 | 0.009 |
| -2.2 | 0.160 | 6.0 | 0.120 | 19.0 | 0.035 | 39.5 | 0.058 | 60.0 | 0.033 | 80.5 | 0.011 |
| -2.0 | 0.178 | 6.2 | 0.116 | 19.5 | 0.019 | 40.0 | 0.055 | 60.5 | 0.037 | 81.0 | 0.014 |
| -1.8 | 0.179 | 6.4 | 0.114 | 20.0 | 0.025 | 40.5 | 0.049 | 61.0 | 0.041 | 81.5 | 0.015 |
| -1.6 | 0.158 | 6.6 | 0.112 | 20.5 | 0.038 | 41.0 | 0.043 | 61.5 | 0.046 | 82.0 | 0.016 |
| -1.4 | 0.114 | 6.8 | 0.110 | 21.0 | 0.046 | 41.5 | 0.036 | 62.0 | 0.051 | 82.5 | 0.017 |
| -1.2 | 0.053 | 7.0 | 0.108 | 21.5 | 0.056 | 42.0 | 0.030 | 62.5 | 0.056 | 83.0 | 0.017 |
| -1.0 | 0.062 | 7.2 | 0.106 | 22.0 | 0.066 | 42.5 | 0.023 | 63.0 | 0.059 | 83.5 | 0.017 |
| -0.8 | 0.163 | 7.4 | 0.105 | 22.5 | 0.068 | 43.0 | 0.021 | 63.5 | 0.060 | 84.0 | 0.016 |
| -0.6 | 0.284 | 7.6 | 0.105 | 23.0 | 0.059 | 43.5 | 0.026 | 64.0 | 0.058 | 84.5 | 0.015 |
| -0.4 | 0.413 | 7.8 | 0.106 | 23.5 | 0.042 | 44.0 | 0.032 | 64.5 | 0.053 | 85.0 | 0.014 |
| -0.2 | 0.543 | 8.0 | 0.108 | 24.0 | 0.028 | 44.5 | 0.034 | 65.0 | 0.045 | 85.5 | 0.012 |
| 0.0 | 0.667 | 8.2 | 0.109 | 24.5 | 0.029 | 45.0 | 0.032 | 65.5 | 0.036 | 86.0 | 0.011 |
| 0.2 | 0.778 | 8.4 | 0.109 | 25.0 | 0.043 | 45.5 | 0.030 | 66.0 | 0.026 | 86.5 | 0.009 |
| 0.4 | 0.871 | 8.6 | 0.106 | 25.5 | 0.062 | 46.0 | 0.033 | 66.5 | 0.018 | 87.0 | 0.007 |
| 0.6 | 0.940 | 8.8 | 0.100 | 26.0 | 0.076 | 46.5 | 0.040 | 67.0 | 0.015 | 87.5 | 0.006 |
| 0.8 | 0.984 | 9.0 | 0.092 | 26.5 | 0.080 | 47.0 | 0.045 | 67.5 | 0.018 | 88.0 | 0.004 |
| 1.0 | 1.000 | 9.2 | 0.083 | 27.0 | 0.070 | 47.5 | 0.047 | 68.0 | 0.022 | 88.5 | 0.003 |
| 1.2 | 0.989 | 9.4 | 0.075 | 27.5 | 0.051 | 48.0 | 0.048 | 68.5 | 0.025 | 89.0 | 0.002 |
| 1.4 | 0.952 | 9.6 | 0.069 | 28.0 | 0.033 | 48.5 | 0.050 | 69.0 | 0.025 | 89.5 | 0.001 |
| 1.6 | 0.894 | 9.8 | 0.066 | 28.5 | 0.022 | 49.0 | 0.056 | 69.5 | 0.024 | 90.0 | 0.000 |
| 1.8 | 0.818 | 10.0 | 0.066 | 29.0 | 0.022 | 49.5 | 0.062 | 70.0 | 0.020 | | |
| 2.0 | 0.731 | 10.2 | 0.067 | 29.5 | 0.032 | 50.0 | 0.065 | 70.5 | 0.016 | | |
| 2.2 | 0.636 | 10.4 | 0.067 | 30.0 | 0.046 | 50.5 | 0.064 | 71.0 | 0.011 | | |



Specification Number
Date
Call Letters
Channel
Location
Antenna Type
Customer

535:3:100054
February 20, 2003
KEDT
DT23
Corpus Christi, TX
TFU-30DSC-R C170

Azimuth Pattern

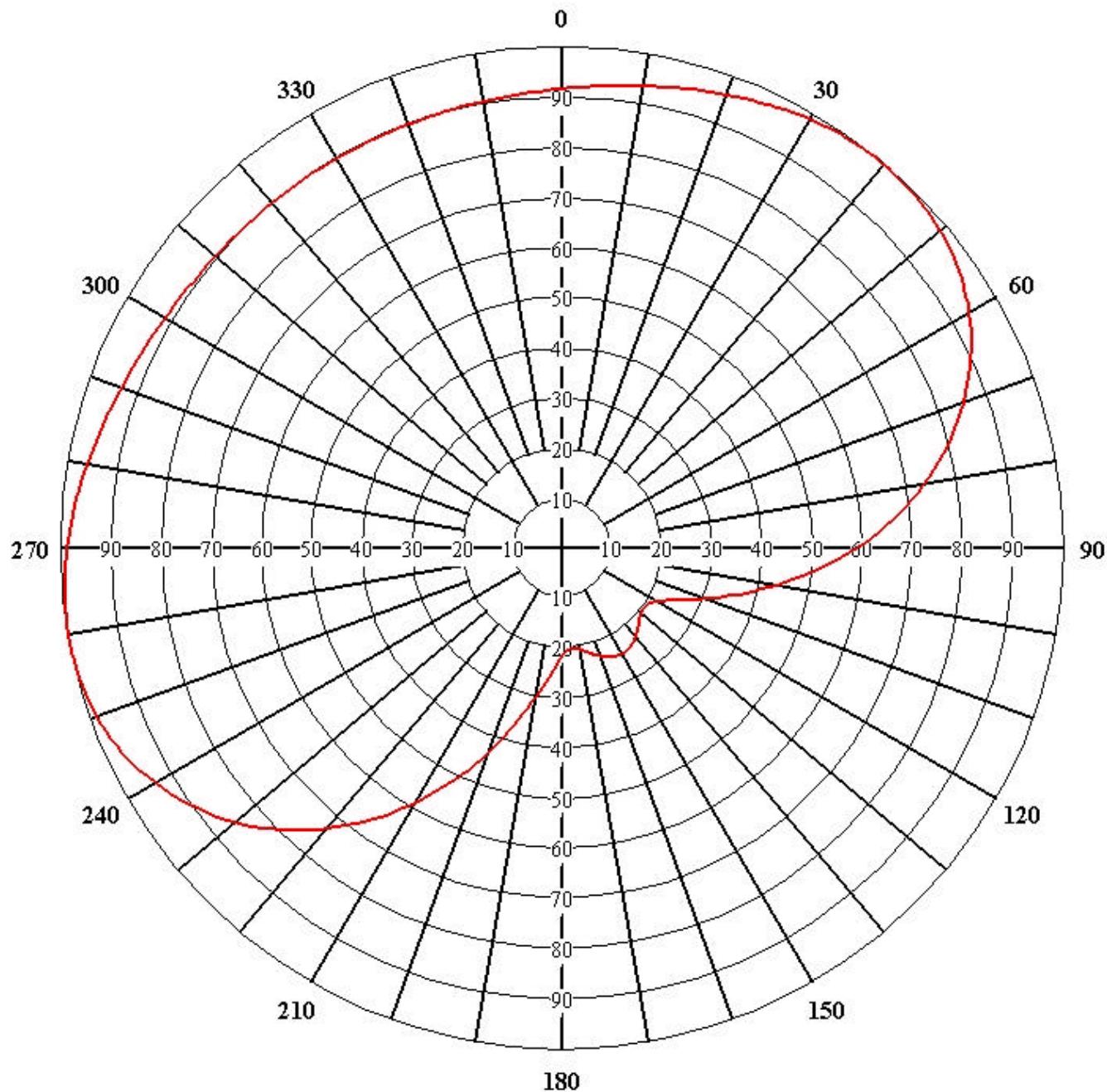
Gain
Calculated / measured

1.7
Calculated

(2.30dB)

Frequency
Drawing#

527 MHz
TFU-C170





Specification Number **535:3:100054**
 Date **February 20, 2003**
 Call Letters **KEDT**
 Channel **DT23**
 Location **Corpus Christi, TX**
 Antenna Type **TFU-30DSC-R C170**
 Customer

TABULATION OF AZIMUTH PATTERN

| Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 0.917 | 45 | 0.997 | 90 | 0.588 | 135 | 0.219 | 180 | 0.218 | 225 | 0.797 | 270 | 0.988 | 315 | 0.902 | | |
| 1 | 0.918 | 46 | 0.996 | 91 | 0.573 | 136 | 0.222 | 181 | 0.223 | 226 | 0.809 | 271 | 0.986 | 316 | 0.902 | | |
| 2 | 0.920 | 47 | 0.994 | 92 | 0.558 | 137 | 0.224 | 182 | 0.229 | 227 | 0.821 | 272 | 0.983 | 317 | 0.901 | | |
| 3 | 0.922 | 48 | 0.992 | 93 | 0.543 | 138 | 0.227 | 183 | 0.235 | 228 | 0.832 | 273 | 0.981 | 318 | 0.901 | | |
| 4 | 0.924 | 49 | 0.990 | 94 | 0.527 | 139 | 0.229 | 184 | 0.243 | 229 | 0.843 | 274 | 0.978 | 319 | 0.901 | | |
| 5 | 0.926 | 50 | 0.987 | 95 | 0.512 | 140 | 0.232 | 185 | 0.251 | 230 | 0.854 | 275 | 0.976 | 320 | 0.900 | | |
| 6 | 0.928 | 51 | 0.984 | 96 | 0.497 | 141 | 0.234 | 186 | 0.260 | 231 | 0.864 | 276 | 0.973 | 321 | 0.900 | | |
| 7 | 0.930 | 52 | 0.981 | 97 | 0.482 | 142 | 0.236 | 187 | 0.269 | 232 | 0.874 | 277 | 0.971 | 322 | 0.900 | | |
| 8 | 0.932 | 53 | 0.977 | 98 | 0.466 | 143 | 0.238 | 188 | 0.280 | 233 | 0.883 | 278 | 0.968 | 323 | 0.900 | | |
| 9 | 0.934 | 54 | 0.973 | 99 | 0.451 | 144 | 0.240 | 189 | 0.290 | 234 | 0.893 | 279 | 0.965 | 324 | 0.900 | | |
| 10 | 0.936 | 55 | 0.968 | 100 | 0.437 | 145 | 0.241 | 190 | 0.302 | 235 | 0.901 | 280 | 0.963 | 325 | 0.900 | | |
| 11 | 0.939 | 56 | 0.963 | 101 | 0.422 | 146 | 0.242 | 191 | 0.313 | 236 | 0.910 | 281 | 0.960 | 326 | 0.899 | | |
| 12 | 0.941 | 57 | 0.958 | 102 | 0.407 | 147 | 0.243 | 192 | 0.326 | 237 | 0.918 | 282 | 0.957 | 327 | 0.899 | | |
| 13 | 0.944 | 58 | 0.952 | 103 | 0.393 | 148 | 0.244 | 193 | 0.338 | 238 | 0.925 | 283 | 0.954 | 328 | 0.899 | | |
| 14 | 0.946 | 59 | 0.946 | 104 | 0.379 | 149 | 0.244 | 194 | 0.352 | 239 | 0.933 | 284 | 0.952 | 329 | 0.899 | | |
| 15 | 0.949 | 60 | 0.940 | 105 | 0.365 | 150 | 0.245 | 195 | 0.365 | 240 | 0.940 | 285 | 0.949 | 330 | 0.899 | | |
| 16 | 0.952 | 61 | 0.933 | 106 | 0.352 | 151 | 0.244 | 196 | 0.379 | 241 | 0.946 | 286 | 0.946 | 331 | 0.899 | | |
| 17 | 0.954 | 62 | 0.925 | 107 | 0.338 | 152 | 0.244 | 197 | 0.393 | 242 | 0.952 | 287 | 0.944 | 332 | 0.899 | | |
| 18 | 0.957 | 63 | 0.918 | 108 | 0.326 | 153 | 0.243 | 198 | 0.407 | 243 | 0.958 | 288 | 0.941 | 333 | 0.899 | | |
| 19 | 0.960 | 64 | 0.910 | 109 | 0.313 | 154 | 0.242 | 199 | 0.422 | 244 | 0.963 | 289 | 0.939 | 334 | 0.899 | | |
| 20 | 0.963 | 65 | 0.901 | 110 | 0.302 | 155 | 0.241 | 200 | 0.437 | 245 | 0.968 | 290 | 0.936 | 335 | 0.900 | | |
| 21 | 0.965 | 66 | 0.893 | 111 | 0.290 | 156 | 0.240 | 201 | 0.451 | 246 | 0.973 | 291 | 0.934 | 336 | 0.900 | | |
| 22 | 0.968 | 67 | 0.883 | 112 | 0.280 | 157 | 0.238 | 202 | 0.466 | 247 | 0.977 | 292 | 0.932 | 337 | 0.900 | | |
| 23 | 0.971 | 68 | 0.874 | 113 | 0.269 | 158 | 0.236 | 203 | 0.482 | 248 | 0.981 | 293 | 0.930 | 338 | 0.900 | | |
| 24 | 0.973 | 69 | 0.864 | 114 | 0.260 | 159 | 0.234 | 204 | 0.497 | 249 | 0.984 | 294 | 0.928 | 339 | 0.900 | | |
| 25 | 0.976 | 70 | 0.854 | 115 | 0.251 | 160 | 0.232 | 205 | 0.512 | 250 | 0.987 | 295 | 0.926 | 340 | 0.900 | | |
| 26 | 0.978 | 71 | 0.843 | 116 | 0.243 | 161 | 0.229 | 206 | 0.527 | 251 | 0.990 | 296 | 0.924 | 341 | 0.901 | | |
| 27 | 0.981 | 72 | 0.832 | 117 | 0.235 | 162 | 0.227 | 207 | 0.543 | 252 | 0.992 | 297 | 0.922 | 342 | 0.901 | | |
| 28 | 0.983 | 73 | 0.821 | 118 | 0.229 | 163 | 0.224 | 208 | 0.558 | 253 | 0.994 | 298 | 0.920 | 343 | 0.901 | | |
| 29 | 0.986 | 74 | 0.809 | 119 | 0.223 | 164 | 0.222 | 209 | 0.573 | 254 | 0.996 | 299 | 0.918 | 344 | 0.902 | | |
| 30 | 0.988 | 75 | 0.797 | 120 | 0.218 | 165 | 0.219 | 210 | 0.588 | 255 | 0.997 | 300 | 0.917 | 345 | 0.902 | | |
| 31 | 0.990 | 76 | 0.785 | 121 | 0.214 | 166 | 0.216 | 211 | 0.604 | 256 | 0.998 | 301 | 0.915 | 346 | 0.903 | | |
| 32 | 0.992 | 77 | 0.773 | 122 | 0.210 | 167 | 0.214 | 212 | 0.619 | 257 | 0.999 | 302 | 0.914 | 347 | 0.903 | | |
| 33 | 0.993 | 78 | 0.760 | 123 | 0.207 | 168 | 0.211 | 213 | 0.634 | 258 | 1.000 | 303 | 0.912 | 348 | 0.904 | | |
| 34 | 0.995 | 79 | 0.747 | 124 | 0.206 | 169 | 0.209 | 214 | 0.648 | 259 | 1.000 | 304 | 0.911 | 349 | 0.905 | | |
| 35 | 0.996 | 80 | 0.733 | 125 | 0.204 | 170 | 0.207 | 215 | 0.663 | 260 | 1.000 | 305 | 0.910 | 350 | 0.905 | | |
| 36 | 0.997 | 81 | 0.720 | 126 | 0.204 | 171 | 0.206 | 216 | 0.677 | 261 | 1.000 | 306 | 0.909 | 351 | 0.906 | | |
| 37 | 0.998 | 82 | 0.706 | 127 | 0.204 | 172 | 0.205 | 217 | 0.692 | 262 | 0.999 | 307 | 0.908 | 352 | 0.907 | | |
| 38 | 0.999 | 83 | 0.692 | 128 | 0.205 | 173 | 0.204 | 218 | 0.706 | 263 | 0.998 | 308 | 0.907 | 353 | 0.908 | | |
| 39 | 1.000 | 84 | 0.677 | 129 | 0.206 | 174 | 0.204 | 219 | 0.720 | 264 | 0.997 | 309 | 0.906 | 354 | 0.909 | | |
| 40 | 1.000 | 85 | 0.663 | 130 | 0.207 | 175 | 0.204 | 220 | 0.733 | 265 | 0.996 | 310 | 0.905 | 355 | 0.910 | | |
| 41 | 1.000 | 86 | 0.648 | 131 | 0.209 | 176 | 0.206 | 221 | 0.747 | 266 | 0.995 | 311 | 0.905 | 356 | 0.911 | | |
| 42 | 1.000 | 87 | 0.634 | 132 | 0.211 | 177 | 0.207 | 222 | 0.760 | 267 | 0.993 | 312 | 0.904 | 357 | 0.912 | | |
| 43 | 0.999 | 88 | 0.619 | 133 | 0.214 | 178 | 0.210 | 223 | 0.773 | 268 | 0.992 | 313 | 0.903 | 358 | 0.914 | | |
| 44 | 0.998 | 89 | 0.604 | 134 | 0.216 | 179 | 0.214 | 224 | 0.785 | 269 | 0.990 | 314 | 0.903 | 359 | 0.915 | | |