

TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
STATION WPXM-DT (FACILITY ID 48608)
MIAMI, FLORIDA

September 14, 2002

CHANNEL 26 200 KW (MAX-DA) 282 M

TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
STATION WPXM-DT (FACILITY ID 48608)
MIAMI, FLORIDA
CHANNEL 26 200 KW (MAX-DA) 282 M

Table of Contents

Technical Statement

| | |
|----------|---|
| Figure 1 | Tabulation of Average Elevations and Distances to Predicted Coverage Contours |
| Figure 2 | Predicted f(50,90) Coverage Contours |
| Figure 3 | Summary of Allocation Analysis |
| Appendix | Transmitting Antenna Manufacturer's Pattern Data |

TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
STATION WPXM-DT (FACILITY ID 48608)
MIAMI, FLORIDA
CHANNEL 26 200 KW (MAX-DA) 282 M

Technical Statement

This Technical Exhibit was prepared on behalf of digital television broadcast station WPXM-DT, Miami, Florida; in support of an amendment to its pending application for construction permit (See FCC File No. BPCDT-19991020ACC). WPXM-DT is paired with analog NTSC TV station WPXM(TV), Channel 35. The purpose of this amendment is to specify a new transmitter site for WPXM-DT. This amendment is being filed in conjunction with an amendment to the application for WXEL-DT (FCC File No. BPEDT-20000403AAT) to meet the FCC requirements for approval of an agreement resolving the mutually-exclusive conflict between the WPXM-DT and WXEL-DT applications as now pending before the Commission. The proposed WPXM-DT transmission facility complies with the FCC's *de minimis* interference requirements with respect to all facilities with the exception of the WXEL-DT application, as amended.* Details of the allocation situation are included herein.

* See FCC *Public Notice*, "Commission Details Application Filing Procedures Digital Television (DTV)", Released: October 16, 1997; and, FCC *Public Notice*, "Additional Application Processing Guidelines for Digital Television (DTV)", Released: August 10, 1998.

Proposed Facilities

The proposed WPXM-DT facility will employ a Dielectric, model TFU-18DSC P230 transmitting antenna, which will be side-mounted the northwest stack of the candelabra on top of the American Tower tower structure located at Pembroke, Florida. The northwest stack supports the existing WAMI-DT UHF transmitting antenna, which is top-mounted on the pole. The proposed antenna will be mounted with a center of radiation at 281 m above ground level and 284 m above mean sea level.

The proposed facility provides minimum 48 dBu, f(50,90), coverage of Miami in compliance with Section 73.625(a)(1) of the FCC Rules, as adopted by the FCC in MM Docket No. 00-39. Figure 1 is a tabulation of the calculated distances to the predicted coverage contours. Figure 2 herein is a map depicting the predicted coverage contours of the proposed facility.

Tower Registration

The proposed antenna structure has been registered with the FCC. The FCC antenna structure registration number is 1224225. There will be no change in the overall height of the antenna structure as a result of the instant proposal.

Allocation Considerations

The proposed WPXM-DT Channel 26 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other existing U.S. NTSC facilities and U.S. DTV allotments and assignments. 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.[†] Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. Accordingly, co-channel DTV and NTSC stations within 429 km and 407 km, respectively, were examined for potential interference; and first-adjacent DTV and NTSC stations within 229 km and 207 km, respectively, were examined for potential interference. Analog taboo-related NTSC stations within 142 km were examined for potential interference. The results of the interference analyses for the proposed WPXM-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 2%/10% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.[‡]

With respect to Class A TV station protection, the proposal has been evaluated according to the requirements of Section 73.623(c)(5) of the FCC Rules. The analysis reveals one potentially affected Class A TV station as follows:

- W25BF, Miami, FL, Channel 25, FCC File No. BLTTL-19961223JB.

An analysis of interference with respect to W25BF was conducted according to the procedures of OET Bulletin No. 69. Based on that analysis it has been determined that the proposed WPXM-DT facility will cause less interference to W25BF than now present. Therefore, the proposed facility meets the interference protection requirements with respect to W25BF. Figure 3 includes a summary of the interference analysis with respect to W25BF.

[†] The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is a precise implementation of the 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.

[‡] 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 WPXM-DT. This properly reflects the net interference change for determining compliance with the FCC DTV 2%/10% *de minimis* standard.

Environmental Considerations

With respect to the potential for human exposure to radio frequency (RF) radiation pursuant to Section 1.1307(b) of the FCC Rules, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground[§] based on the following conservative assumptions, with the following results:

| Call Sign | Channel | Peak Visual ERP or Average ERP (kW) | Aural ERP (kW) | Relative Field Factor** | FCC Limit^{††} (mW/cm²) | Percentage of Limit |
|------------------|----------------|--|-----------------------|--------------------------------|---|----------------------------|
| WPXM-DT | 26 | 200 | -- | 0.20 | 0.361 | 0.95% |

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 0.95% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is categorically excluded from environmental processing. The applicant, in coordination with the other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the WPXM-DT tower or antenna from radio frequency radiation in excess of the FCC guidelines.

Louis Robert du Treil, Jr.

September 14, 2002

§ The radiation center height above ground is 281 m.

** This is a conservative estimate of the relative field factor in the downward direction.

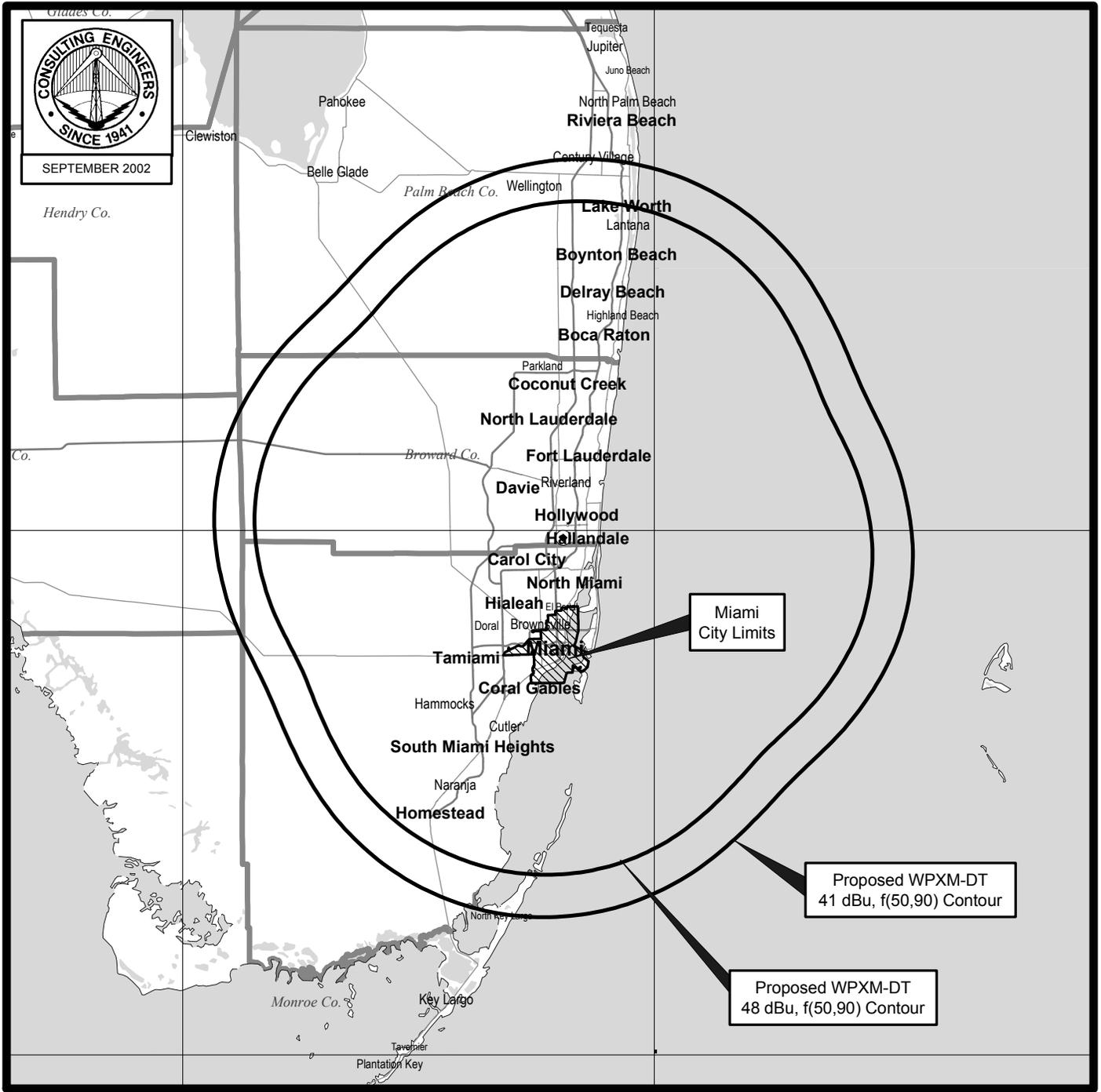
†† for general population/uncontrolled environments

TECHNICAL EXHIBIT
 APPLICATION FOR CONSTRUCTION PERMIT
 STATION WPXM-DT (FACILITY ID 48608)
 MIAMI, FLORIDA
 CHANNEL 26 200 KW (MAX-DA) 282 M

Tabulation of Average Elevations and
 Distances to Predicted Coverage Contours

| Azimuth (deg.T) | 3-16 km Average Terrain (m) | Antenna HAAT (m) | ERP (kW) | 48 dBu f(50,90) Contour (km) | 41 dBu f(50,90) Contour (km) |
|--------------------|-----------------------------------|---------------------|----------|------------------------------------|------------------------------------|
| 0 | 3 | 281 | 183.9 | 84.3 | 103.1 |
| 45 | 2 | 282 | 72.4 | 75.8 | 91.9 |
| 90 | 1 | 283 | 58.8 | 74.3 | 89.7 |
| 135 | 1 | 283 | 34.9 | 70.4 | 84.0 |
| 180 | 2 | 282 | 183.9 | 84.4 | 103.3 |
| 225 | 2 | 282 | 72.4 | 75.8 | 91.9 |
| 270 | 3 | 281 | 58.8 | 74.1 | 89.3 |
| 315 | 3 | 281 | 34.9 | 70.2 | 83.7 |

Note: The 3-16-km average terrain is 2 m based on the eight conventional radials (0°, 45°, 90°, etc.). The U.S.G.S. linearly interpolated 3-second terrain database was employed in determining the average terrain elevations. The overall antenna radiation center height above average terrain is 282 m based on the eight conventional radials. The 45-, 90- and 135-degree radials were truncated at the Atlantic Ocean coastline in keeping with the requirements of Section 73.313 of the FCC Rules. The 45-degree radial was truncated at 11.9 km, the 90-degree radial at 7.9 km and the 135-degree radial at 10.8 km.



PREDICTED COVERAGE CONTOURS

STATION WPXM-DT (FACILITY ID 48608)
 MIAMI, FLORIDA
 CHANNEL 26 200 KW (MAX-DA) 282 M

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

TECHNICAL EXHIBIT
 APPLICATION FOR CONSTRUCTION PERMIT
 STATION WPXM-DT (FACILITY ID 48608)
 MIAMI, FLORIDA
 CHANNEL 26 200 KW (MAX-DA) 282 M

Summary of Allocation Analysis

| Stations Potentially Affected by Proposed Station | | | | | | | |
|---|---------|---------|--------------------|---------------|--------|--------------------|------------------------------|
| Facility Number | Channel | Call | City State | Distance (km) | Status | Application Prefix | Application Reference Number |
| 1 | 23 | WLTW | MIAMI FL | 3.4 | LIC | BLCT | 19950710KF |
| 2 | 25 | W25BF | MIAMI FL | 23.7 | LIC | BLTTL | 19961223JB |
| 3 | 25 | WPBF | TEQUESTA FL | 127.8 | LIC | BLCT | 19990817LC |
| 4 | 26 | WNTD | DAYTONA BEACH FL | 388.5 | CP | BPCT | 19960709KS |
| 5 | 26 | WNTD | DAYTONA BEACH FL | 388.5 | LIC | BLCT | 19881026KF |
| 6 | 26 | WZVN-TV | NAPLES FL | 151.3 | LIC | BLCT | 19890711KI |
| 7 | 27 | WXEL-DT | WEST PALM BEACH FL | 65.9 | PLN | DTVPLN | DTVP0668 |
| 8 | 29 | WFLX | WEST PALM BEACH FL | 65.9 | CP | BPCT | 19990910AAA |
| 9 | 29 | WFLX | WEST PALM BEACH FL | 65.9 | LIC | BLCT | 19860514KH |

| Stations Potentially Affected by Proposed Station | | | | | | | |
|---|---------|---------|--------------------|---------------|--------|--------------------|------------------------------|
| Facility Number | Channel | Call | City State | Distance (km) | Status | Application Prefix | Application Reference Number |
| 10 | 33 | WBFS-TV | MIAMI FL | 2.7 | LIC | BLCT | 19850125KE |
| 11 | 34 | WTVX | FORT PIERCE FL | 127.8 | LIC | BLCT | 19800624KF |
| 12 | 27 | WXEL-DT | WEST PALM BEACH FL | 65.9 | APP | BPEDT | 20000403AAT* |

*As amended in conjunction with WPXM-DT.

| Summary of Interference Analysis for Worst-Case Scenarios | | | | | | | |
|---|---|--|---------------------|----------------------------|---------------------|---------------------------------|--------|
| Facility Number | Interference Population Before Analysis | Interference Population After Analysis | Baseline Population | Net Change in Interference | Percent of Baseline | Permissible Percent of Baseline | Result |
| 1 | -- | -- | -- | * | 0.0 | -- | pass |
| 2 | 210948 | 198024 | 858313 | -12924 | -1.506 | 0.5 | pass |
| 3 | -- | -- | -- | * | 0.0 | -- | pass |
| 4 | -- | -- | -- | * | 0.0 | -- | pass |
| 5 | -- | -- | -- | * | 0.0 | -- | pass |
| 6 | 0 | 630 | 624539 | 630 | 0.101 | 2.0 | pass |
| 7 | 35553 | 53137 | 2451799 | 17584 | 0.717 | 2.0 | pass |
| 8 | -- | -- | -- | ** | 0.0 | -- | pass |
| 9 | -- | -- | -- | ** | 0.0 | -- | pass |
| 10 | -- | -- | -- | ** | 0.0 | -- | pass |
| 11 | -- | -- | -- | ** | 0.0 | -- | pass |

| Summary of Interference Analysis for Worst-Case Scenarios | | | | | | | |
|---|---|--|---------------------|----------------------------|---------------------|---------------------------------|---------|
| Facility Number | Interference Population Before Analysis | Interference Population After Analysis | Baseline Population | Net Change in Interference | Percent of Baseline | Permissible Percent of Baseline | Result |
| 12 | 98392 | 326492 | 2451799 | 228100 | 9.303 | 2.0 | fail*** |

**Proposal causes no interference.

***Permissible interference pursuant to agreement between WXEL-DT and WPXM-DT.

TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
STATION WPXM-DT (FACILITY ID 48608)
MIAMI, FLORIDA
CHANNEL 26 200 KW (MAX-DA) 282 M

Transmitting Antenna Manufacturer's Pattern Data

(five pages follows)

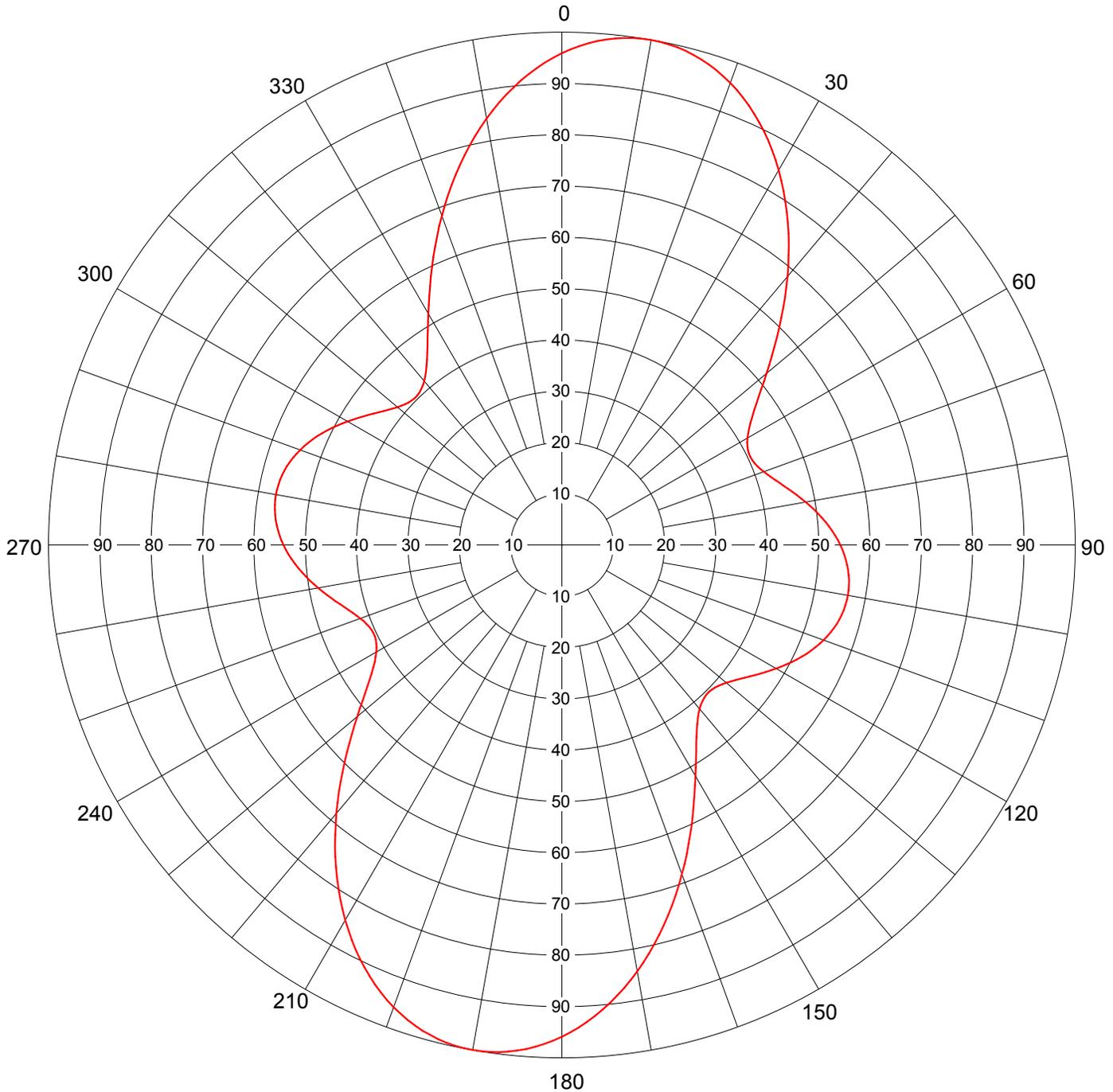


Exhibit No.

Date **14 Sep 2002**
Call Letters
Location **MIAMI FL**
Customer
Antenna Type **TFU-18DSC P230**
Channel **26**

AZIMUTH PATTERN

RMS Gain at Main Lobe **2.30 (3.62 dB)** Frequency **545 MHz**
Calculated / Measured **Calculated** Drawing # **TFU-P230**



Remarks:



Date **14 Sep 2002**
 Call Letters Channel **26**
 Location **MIAMI FL**
 Customer
 Antenna Type **TFU-18DSC P230**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TFU-P230**

| Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 | 0.959 | 45 | 0.599 | 90 | 0.542 | 135 | 0.405 | 180 | 0.959 | 225 | 0.599 | 270 | 0.542 | 315 | 0.405 |
| 1 | 0.966 | 46 | 0.582 | 91 | 0.547 | 136 | 0.406 | 181 | 0.966 | 226 | 0.582 | 271 | 0.547 | 316 | 0.406 |
| 2 | 0.973 | 47 | 0.566 | 92 | 0.551 | 137 | 0.407 | 182 | 0.973 | 227 | 0.566 | 272 | 0.551 | 317 | 0.407 |
| 3 | 0.980 | 48 | 0.550 | 93 | 0.554 | 138 | 0.409 | 183 | 0.980 | 228 | 0.550 | 273 | 0.554 | 318 | 0.409 |
| 4 | 0.985 | 49 | 0.535 | 94 | 0.557 | 139 | 0.413 | 184 | 0.985 | 229 | 0.535 | 274 | 0.557 | 319 | 0.413 |
| 5 | 0.990 | 50 | 0.520 | 95 | 0.560 | 140 | 0.417 | 185 | 0.990 | 230 | 0.520 | 275 | 0.560 | 320 | 0.417 |
| 6 | 0.993 | 51 | 0.506 | 96 | 0.562 | 141 | 0.423 | 186 | 0.993 | 231 | 0.506 | 276 | 0.562 | 321 | 0.423 |
| 7 | 0.996 | 52 | 0.493 | 97 | 0.563 | 142 | 0.430 | 187 | 0.996 | 232 | 0.493 | 277 | 0.563 | 322 | 0.430 |
| 8 | 0.998 | 53 | 0.480 | 98 | 0.565 | 143 | 0.438 | 188 | 0.998 | 233 | 0.480 | 278 | 0.565 | 323 | 0.438 |
| 9 | 1.000 | 54 | 0.468 | 99 | 0.565 | 144 | 0.447 | 189 | 1.000 | 234 | 0.468 | 279 | 0.565 | 324 | 0.447 |
| 10 | 1.000 | 55 | 0.457 | 100 | 0.566 | 145 | 0.457 | 190 | 1.000 | 235 | 0.457 | 280 | 0.566 | 325 | 0.457 |
| 11 | 1.000 | 56 | 0.447 | 101 | 0.565 | 146 | 0.468 | 191 | 1.000 | 236 | 0.447 | 281 | 0.565 | 326 | 0.468 |
| 12 | 0.998 | 57 | 0.438 | 102 | 0.565 | 147 | 0.480 | 192 | 0.998 | 237 | 0.438 | 282 | 0.565 | 327 | 0.480 |
| 13 | 0.996 | 58 | 0.430 | 103 | 0.563 | 148 | 0.493 | 193 | 0.996 | 238 | 0.430 | 283 | 0.563 | 328 | 0.493 |
| 14 | 0.993 | 59 | 0.423 | 104 | 0.562 | 149 | 0.506 | 194 | 0.993 | 239 | 0.423 | 284 | 0.562 | 329 | 0.506 |
| 15 | 0.990 | 60 | 0.417 | 105 | 0.560 | 150 | 0.520 | 195 | 0.990 | 240 | 0.417 | 285 | 0.560 | 330 | 0.520 |
| 16 | 0.985 | 61 | 0.413 | 106 | 0.557 | 151 | 0.535 | 196 | 0.985 | 241 | 0.413 | 286 | 0.557 | 331 | 0.535 |
| 17 | 0.980 | 62 | 0.409 | 107 | 0.554 | 152 | 0.550 | 197 | 0.980 | 242 | 0.409 | 287 | 0.554 | 332 | 0.550 |
| 18 | 0.973 | 63 | 0.407 | 108 | 0.551 | 153 | 0.566 | 198 | 0.973 | 243 | 0.407 | 288 | 0.551 | 333 | 0.566 |
| 19 | 0.966 | 64 | 0.406 | 109 | 0.547 | 154 | 0.582 | 199 | 0.966 | 244 | 0.406 | 289 | 0.547 | 334 | 0.582 |
| 20 | 0.959 | 65 | 0.405 | 110 | 0.542 | 155 | 0.599 | 200 | 0.959 | 245 | 0.405 | 290 | 0.542 | 335 | 0.599 |
| 21 | 0.950 | 66 | 0.406 | 111 | 0.538 | 156 | 0.615 | 201 | 0.950 | 246 | 0.406 | 291 | 0.538 | 336 | 0.615 |
| 22 | 0.941 | 67 | 0.408 | 112 | 0.533 | 157 | 0.632 | 202 | 0.941 | 247 | 0.408 | 292 | 0.533 | 337 | 0.632 |
| 23 | 0.931 | 68 | 0.411 | 113 | 0.527 | 158 | 0.649 | 203 | 0.931 | 248 | 0.411 | 293 | 0.527 | 338 | 0.649 |
| 24 | 0.921 | 69 | 0.414 | 114 | 0.522 | 159 | 0.666 | 204 | 0.921 | 249 | 0.414 | 294 | 0.522 | 339 | 0.666 |
| 25 | 0.909 | 70 | 0.418 | 115 | 0.515 | 160 | 0.683 | 205 | 0.909 | 250 | 0.418 | 295 | 0.515 | 340 | 0.683 |
| 26 | 0.898 | 71 | 0.423 | 116 | 0.509 | 161 | 0.700 | 206 | 0.898 | 251 | 0.423 | 296 | 0.509 | 341 | 0.700 |
| 27 | 0.885 | 72 | 0.428 | 117 | 0.503 | 162 | 0.717 | 207 | 0.885 | 252 | 0.428 | 297 | 0.503 | 342 | 0.717 |
| 28 | 0.872 | 73 | 0.434 | 118 | 0.496 | 163 | 0.734 | 208 | 0.872 | 253 | 0.434 | 298 | 0.496 | 343 | 0.734 |
| 29 | 0.858 | 74 | 0.440 | 119 | 0.489 | 164 | 0.751 | 209 | 0.858 | 254 | 0.440 | 299 | 0.489 | 344 | 0.751 |
| 30 | 0.844 | 75 | 0.447 | 120 | 0.482 | 165 | 0.767 | 210 | 0.844 | 255 | 0.447 | 300 | 0.482 | 345 | 0.767 |
| 31 | 0.830 | 76 | 0.454 | 121 | 0.475 | 166 | 0.783 | 211 | 0.830 | 256 | 0.454 | 301 | 0.475 | 346 | 0.783 |
| 32 | 0.815 | 77 | 0.461 | 122 | 0.468 | 167 | 0.799 | 212 | 0.815 | 257 | 0.461 | 302 | 0.468 | 347 | 0.799 |
| 33 | 0.799 | 78 | 0.468 | 123 | 0.461 | 168 | 0.815 | 213 | 0.799 | 258 | 0.468 | 303 | 0.461 | 348 | 0.815 |
| 34 | 0.783 | 79 | 0.475 | 124 | 0.454 | 169 | 0.830 | 214 | 0.783 | 259 | 0.475 | 304 | 0.454 | 349 | 0.830 |
| 35 | 0.767 | 80 | 0.482 | 125 | 0.447 | 170 | 0.844 | 215 | 0.767 | 260 | 0.482 | 305 | 0.447 | 350 | 0.844 |
| 36 | 0.751 | 81 | 0.489 | 126 | 0.440 | 171 | 0.858 | 216 | 0.751 | 261 | 0.489 | 306 | 0.440 | 351 | 0.858 |
| 37 | 0.734 | 82 | 0.496 | 127 | 0.434 | 172 | 0.872 | 217 | 0.734 | 262 | 0.496 | 307 | 0.434 | 352 | 0.872 |
| 38 | 0.717 | 83 | 0.503 | 128 | 0.428 | 173 | 0.885 | 218 | 0.717 | 263 | 0.503 | 308 | 0.428 | 353 | 0.885 |
| 39 | 0.700 | 84 | 0.509 | 129 | 0.423 | 174 | 0.898 | 219 | 0.700 | 264 | 0.509 | 309 | 0.423 | 354 | 0.898 |
| 40 | 0.683 | 85 | 0.515 | 130 | 0.418 | 175 | 0.909 | 220 | 0.683 | 265 | 0.515 | 310 | 0.418 | 355 | 0.909 |
| 41 | 0.666 | 86 | 0.522 | 131 | 0.414 | 176 | 0.921 | 221 | 0.666 | 266 | 0.522 | 311 | 0.414 | 356 | 0.921 |
| 42 | 0.649 | 87 | 0.527 | 132 | 0.411 | 177 | 0.931 | 222 | 0.649 | 267 | 0.527 | 312 | 0.411 | 357 | 0.931 |
| 43 | 0.632 | 88 | 0.533 | 133 | 0.408 | 178 | 0.941 | 223 | 0.632 | 268 | 0.533 | 313 | 0.408 | 358 | 0.941 |
| 44 | 0.615 | 89 | 0.538 | 134 | 0.406 | 179 | 0.950 | 224 | 0.615 | 269 | 0.538 | 314 | 0.406 | 359 | 0.950 |

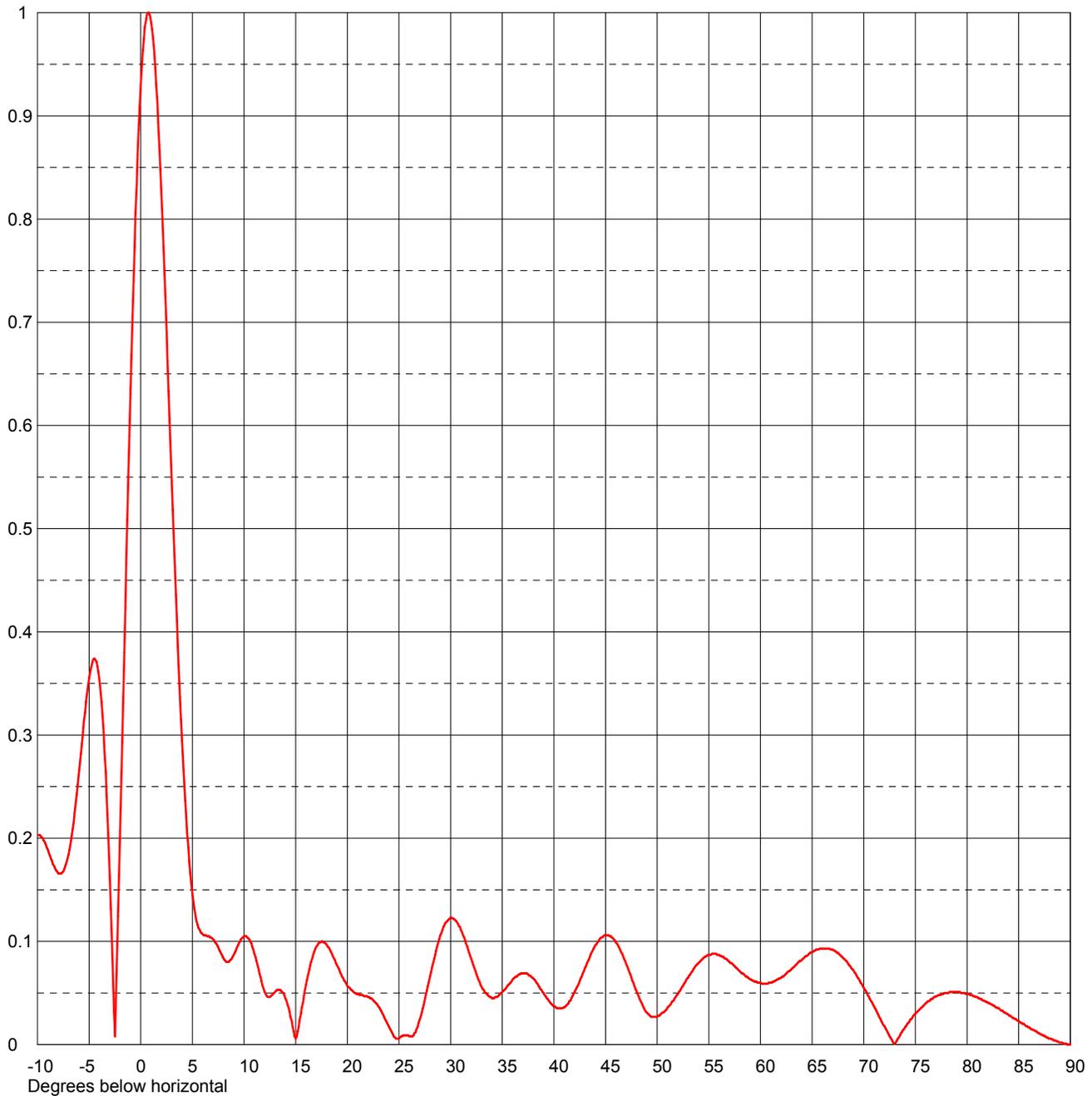
Remarks:



Date **14 Sep 2002**
 Call Letters **MIAMI FL**
 Location **MIAMI FL**
 Customer
 Antenna Type **TFU-18DSC P230**
 Channel **26**

ELEVATION PATTERN

| | | | |
|------------------------|------------------------|-----------|---------------------|
| RMS Gain at Main Lobe | 15.0 (11.76 dB) | Beam Tilt | 0.75 Degrees |
| RMS Gain at Horizontal | 13.0 (11.14 dB) | Frequency | 545.00 MHz |
| Calculated / Measured | Calculated | Drawing # | 18Q150075-90 |



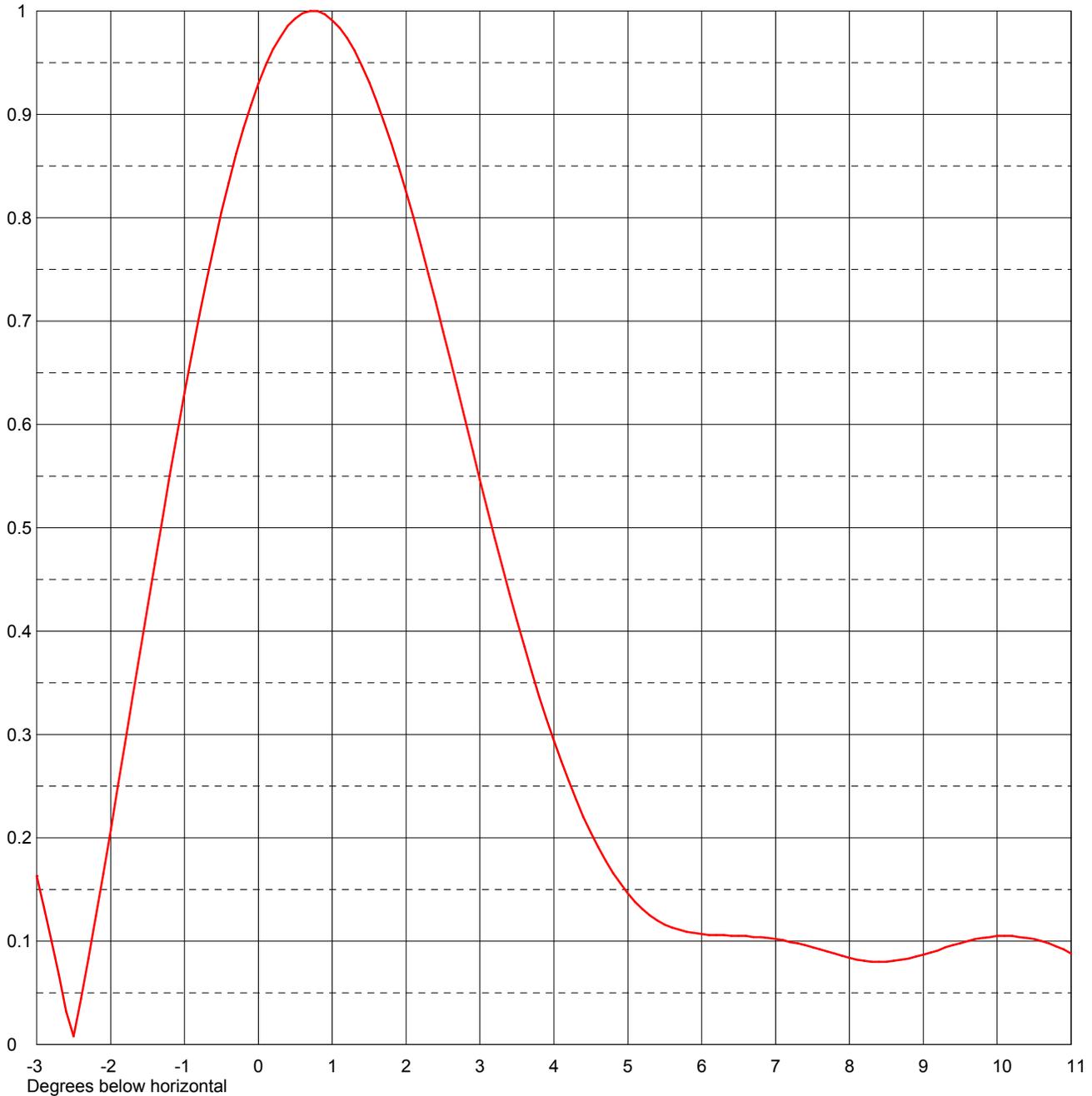
Remarks:



Date **14 Sep 2002**
Call Letters **MIAMI FL**
Location **MIAMI FL**
Customer
Antenna Type **TFU-18DSC P230**
Channel **26**

ELEVATION PATTERN

| | | | |
|------------------------|------------------------|-----------|---------------------|
| RMS Gain at Main Lobe | 15.0 (11.76 dB) | Beam Tilt | 0.75 Degrees |
| RMS Gain at Horizontal | 13.0 (11.14 dB) | Frequency | 545.00 MHz |
| Calculated / Measured | Calculated | Drawing # | 18Q150075 |



Remarks:



Date **14 Sep 2002**
 Call Letters Channel **26**
 Location **MIAMI FL**
 Customer
 Antenna Type **TFU-18DSC P230**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **18Q150075-90**

| Angle | Field |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -10.0 | 0.202 | 2.4 | 0.719 | 10.6 | 0.100 | 30.5 | 0.120 | 51.0 | 0.036 | 71.5 | 0.027 |
| -9.5 | 0.200 | 2.6 | 0.662 | 10.8 | 0.095 | 31.0 | 0.111 | 51.5 | 0.042 | 72.0 | 0.018 |
| -9.0 | 0.189 | 2.8 | 0.604 | 11.0 | 0.088 | 31.5 | 0.098 | 52.0 | 0.049 | 72.5 | 0.008 |
| -8.5 | 0.175 | 3.0 | 0.546 | 11.5 | 0.069 | 32.0 | 0.083 | 52.5 | 0.057 | 73.0 | 0.001 |
| -8.0 | 0.166 | 3.2 | 0.490 | 12.0 | 0.051 | 32.5 | 0.068 | 53.0 | 0.065 | 73.5 | 0.009 |
| -7.5 | 0.168 | 3.4 | 0.436 | 12.5 | 0.046 | 33.0 | 0.056 | 53.5 | 0.073 | 74.0 | 0.017 |
| -7.0 | 0.184 | 3.6 | 0.385 | 13.0 | 0.051 | 33.5 | 0.049 | 54.0 | 0.079 | 74.5 | 0.024 |
| -6.5 | 0.216 | 3.8 | 0.337 | 13.5 | 0.053 | 34.0 | 0.045 | 54.5 | 0.084 | 75.0 | 0.030 |
| -6.0 | 0.262 | 4.0 | 0.294 | 14.0 | 0.045 | 34.5 | 0.046 | 55.0 | 0.087 | 75.5 | 0.035 |
| -5.5 | 0.313 | 4.2 | 0.255 | 14.5 | 0.027 | 35.0 | 0.051 | 55.5 | 0.088 | 76.0 | 0.040 |
| -5.0 | 0.355 | 4.4 | 0.220 | 15.0 | 0.006 | 35.5 | 0.057 | 56.0 | 0.087 | 76.5 | 0.044 |
| -4.5 | 0.374 | 4.6 | 0.191 | 15.5 | 0.030 | 36.0 | 0.063 | 56.5 | 0.084 | 77.0 | 0.047 |
| -4.0 | 0.353 | 4.8 | 0.166 | 16.0 | 0.058 | 36.5 | 0.067 | 57.0 | 0.080 | 77.5 | 0.049 |
| -3.5 | 0.284 | 5.0 | 0.146 | 16.5 | 0.080 | 37.0 | 0.069 | 57.5 | 0.076 | 78.0 | 0.050 |
| -3.0 | 0.163 | 5.2 | 0.131 | 17.0 | 0.095 | 37.5 | 0.068 | 58.0 | 0.071 | 78.5 | 0.051 |
| -2.8 | 0.100 | 5.4 | 0.120 | 17.5 | 0.100 | 38.0 | 0.064 | 58.5 | 0.067 | 79.0 | 0.051 |
| -2.6 | 0.032 | 5.6 | 0.113 | 18.0 | 0.097 | 38.5 | 0.057 | 59.0 | 0.063 | 79.5 | 0.050 |
| -2.4 | 0.044 | 5.8 | 0.109 | 18.5 | 0.088 | 39.0 | 0.050 | 59.5 | 0.061 | 80.0 | 0.049 |
| -2.2 | 0.124 | 6.0 | 0.107 | 19.0 | 0.077 | 39.5 | 0.043 | 60.0 | 0.060 | 80.5 | 0.048 |
| -2.0 | 0.207 | 6.2 | 0.106 | 19.5 | 0.066 | 40.0 | 0.037 | 60.5 | 0.059 | 81.0 | 0.046 |
| -1.8 | 0.293 | 6.4 | 0.105 | 20.0 | 0.057 | 40.5 | 0.035 | 61.0 | 0.060 | 81.5 | 0.043 |
| -1.6 | 0.380 | 6.6 | 0.105 | 20.5 | 0.052 | 41.0 | 0.036 | 61.5 | 0.062 | 82.0 | 0.041 |
| -1.4 | 0.466 | 6.8 | 0.104 | 21.0 | 0.049 | 41.5 | 0.042 | 62.0 | 0.065 | 82.5 | 0.038 |
| -1.2 | 0.550 | 7.0 | 0.102 | 21.5 | 0.048 | 42.0 | 0.051 | 62.5 | 0.069 | 83.0 | 0.035 |
| -1.0 | 0.630 | 7.2 | 0.099 | 22.0 | 0.046 | 42.5 | 0.062 | 63.0 | 0.073 | 83.5 | 0.032 |
| -0.8 | 0.705 | 7.4 | 0.096 | 22.5 | 0.043 | 43.0 | 0.074 | 63.5 | 0.078 | 84.0 | 0.029 |
| -0.6 | 0.773 | 7.6 | 0.092 | 23.0 | 0.037 | 43.5 | 0.086 | 64.0 | 0.082 | 84.5 | 0.026 |
| -0.4 | 0.834 | 7.8 | 0.088 | 23.5 | 0.028 | 44.0 | 0.096 | 64.5 | 0.086 | 85.0 | 0.023 |
| -0.2 | 0.887 | 8.0 | 0.084 | 24.0 | 0.018 | 44.5 | 0.103 | 65.0 | 0.090 | 85.5 | 0.020 |
| 0.0 | 0.930 | 8.2 | 0.081 | 24.5 | 0.008 | 45.0 | 0.106 | 65.5 | 0.092 | 86.0 | 0.017 |
| 0.2 | 0.963 | 8.4 | 0.080 | 25.0 | 0.006 | 45.5 | 0.105 | 66.0 | 0.093 | 86.5 | 0.014 |
| 0.4 | 0.986 | 8.6 | 0.081 | 25.5 | 0.009 | 46.0 | 0.099 | 66.5 | 0.093 | 87.0 | 0.011 |
| 0.6 | 0.998 | 8.8 | 0.083 | 26.0 | 0.008 | 46.5 | 0.090 | 67.0 | 0.092 | 87.5 | 0.008 |
| 0.8 | 1.000 | 9.0 | 0.087 | 26.5 | 0.011 | 47.0 | 0.078 | 67.5 | 0.089 | 88.0 | 0.006 |
| 1.0 | 0.991 | 9.2 | 0.091 | 27.0 | 0.024 | 47.5 | 0.065 | 68.0 | 0.084 | 88.5 | 0.004 |
| 1.2 | 0.974 | 9.4 | 0.096 | 27.5 | 0.044 | 48.0 | 0.052 | 68.5 | 0.078 | 89.0 | 0.002 |
| 1.4 | 0.947 | 9.6 | 0.100 | 28.0 | 0.066 | 48.5 | 0.040 | 69.0 | 0.072 | 89.5 | 0.001 |
| 1.6 | 0.913 | 9.8 | 0.103 | 28.5 | 0.087 | 49.0 | 0.031 | 69.5 | 0.064 | 90.0 | 0.000 |
| 1.8 | 0.872 | 10.0 | 0.105 | 29.0 | 0.106 | 49.5 | 0.027 | 70.0 | 0.055 | | |
| 2.0 | 0.825 | 10.2 | 0.105 | 29.5 | 0.118 | 50.0 | 0.027 | 70.5 | 0.046 | | |
| 2.2 | 0.773 | 10.4 | 0.103 | 30.0 | 0.123 | 50.5 | 0.031 | 71.0 | 0.037 | | |

Remarks: