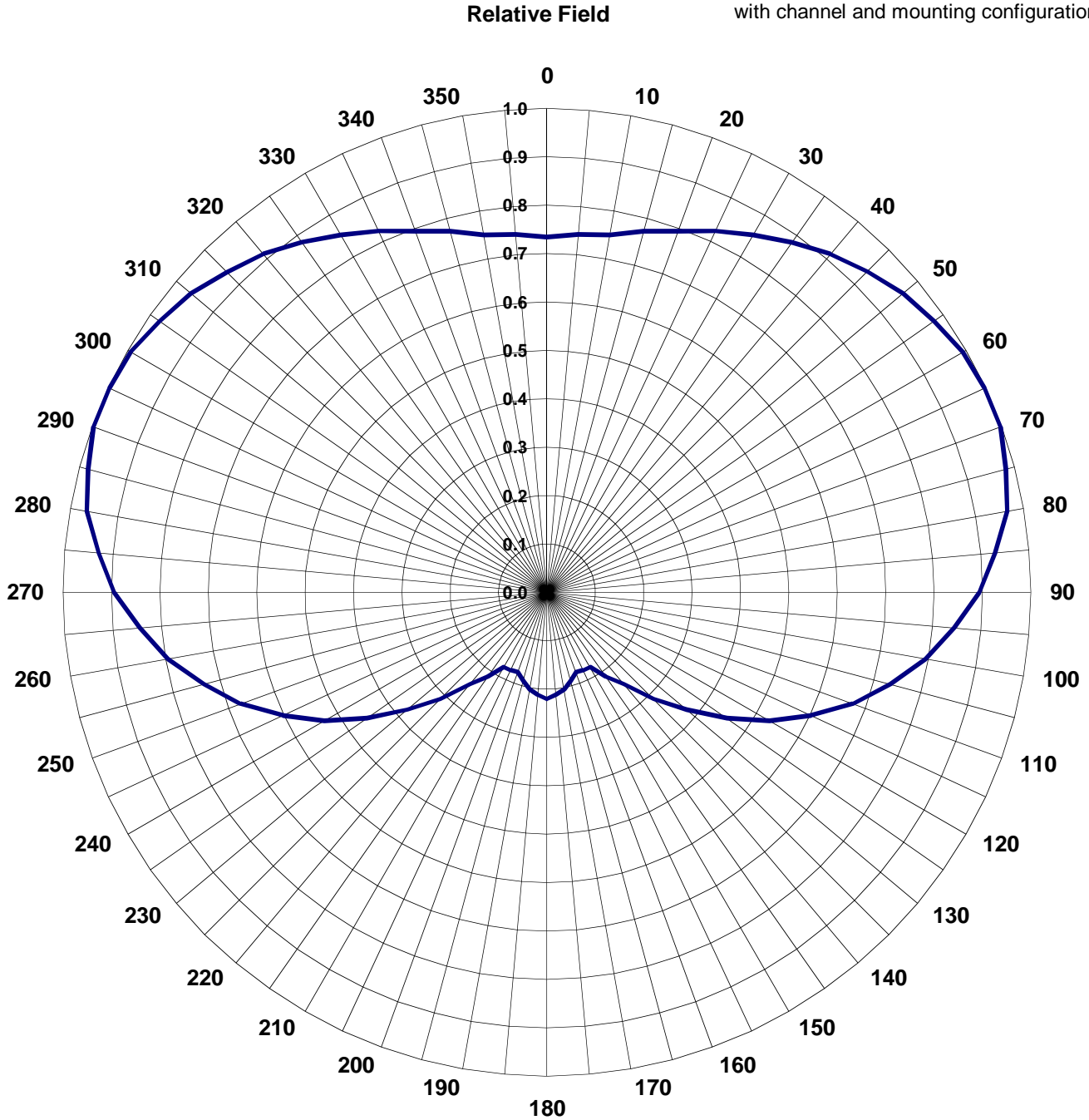


AZIMUTH PATTERN

| | | |
|----------------------|-------------------|---------------|
| TYPE: | ALP-PR | |
| | Numeric | dB |
| Directivity: | 1.92 | (2.83) |
| Peak(s) at: | | |
| Polarization: | Horizontal | |
| Channel: | | |
| Location: | | |

Note: Pattern shape and directivity may vary with channel and mounting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALP-PR

POLARIZATION: Horizontal

| ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB |
|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|
| 0 | 0.734 | -2.69 | 92 | 0.874 | -1.17 | 184 | 0.214 | -13.39 | 276 | 0.937 | -0.57 |
| 2 | 0.737 | -2.65 | 94 | 0.854 | -1.37 | 186 | 0.211 | -13.51 | 278 | 0.952 | -0.43 |
| 4 | 0.740 | -2.62 | 96 | 0.835 | -1.57 | 188 | 0.207 | -13.68 | 280 | 0.966 | -0.30 |
| 6 | 0.744 | -2.57 | 98 | 0.815 | -1.78 | 190 | 0.204 | -13.81 | 282 | 0.972 | -0.25 |
| 8 | 0.747 | -2.53 | 100 | 0.795 | -1.99 | 192 | 0.198 | -14.07 | 284 | 0.979 | -0.18 |
| 10 | 0.750 | -2.50 | 102 | 0.771 | -2.26 | 194 | 0.193 | -14.29 | 286 | 0.985 | -0.13 |
| 12 | 0.759 | -2.40 | 104 | 0.747 | -2.53 | 196 | 0.187 | -14.56 | 288 | 0.992 | -0.07 |
| 14 | 0.768 | -2.29 | 106 | 0.722 | -2.83 | 198 | 0.182 | -14.80 | 290 | 0.998 | -0.02 |
| 16 | 0.776 | -2.20 | 108 | 0.698 | -3.12 | 200 | 0.176 | -15.09 | 292 | 1.000 | 0.00 |
| 18 | 0.785 | -2.10 | 110 | 0.674 | -3.43 | 202 | 0.177 | -15.04 | 294 | 1.000 | 0.00 |
| 20 | 0.794 | -2.00 | 112 | 0.645 | -3.81 | 204 | 0.177 | -15.04 | 296 | 0.995 | -0.04 |
| 22 | 0.806 | -1.87 | 114 | 0.617 | -4.19 | 206 | 0.178 | -14.99 | 298 | 0.994 | -0.05 |
| 24 | 0.818 | -1.74 | 116 | 0.588 | -4.61 | 208 | 0.178 | -14.99 | 300 | 0.993 | -0.06 |
| 26 | 0.829 | -1.63 | 118 | 0.560 | -5.04 | 210 | 0.179 | -14.94 | 302 | 0.987 | -0.11 |
| 28 | 0.841 | -1.50 | 120 | 0.531 | -5.50 | 212 | 0.193 | -14.29 | 304 | 0.980 | -0.18 |
| 30 | 0.853 | -1.38 | 122 | 0.500 | -6.02 | 214 | 0.206 | -13.72 | 306 | 0.974 | -0.23 |
| 32 | 0.865 | -1.26 | 124 | 0.469 | -6.58 | 216 | 0.220 | -13.15 | 308 | 0.967 | -0.29 |
| 34 | 0.877 | -1.14 | 126 | 0.439 | -7.15 | 218 | 0.233 | -12.65 | 310 | 0.961 | -0.35 |
| 36 | 0.888 | -1.03 | 128 | 0.408 | -7.79 | 220 | 0.247 | -12.15 | 312 | 0.951 | -0.44 |
| 38 | 0.900 | -0.92 | 130 | 0.377 | -8.47 | 222 | 0.273 | -11.28 | 314 | 0.941 | -0.53 |
| 40 | 0.912 | -0.80 | 132 | 0.351 | -9.09 | 224 | 0.299 | -10.49 | 316 | 0.932 | -0.61 |
| 42 | 0.922 | -0.71 | 134 | 0.325 | -9.76 | 226 | 0.325 | -9.76 | 318 | 0.922 | -0.71 |
| 44 | 0.932 | -0.61 | 136 | 0.299 | -10.49 | 228 | 0.351 | -9.09 | 320 | 0.912 | -0.80 |
| 46 | 0.941 | -0.53 | 138 | 0.273 | -11.28 | 230 | 0.377 | -8.47 | 322 | 0.900 | -0.92 |
| 48 | 0.951 | -0.44 | 140 | 0.247 | -12.15 | 232 | 0.408 | -7.79 | 324 | 0.888 | -1.03 |
| 50 | 0.961 | -0.35 | 142 | 0.233 | -12.65 | 234 | 0.439 | -7.15 | 326 | 0.877 | -1.14 |
| 52 | 0.967 | -0.29 | 144 | 0.220 | -13.15 | 236 | 0.469 | -6.58 | 328 | 0.865 | -1.26 |
| 54 | 0.974 | -0.23 | 146 | 0.206 | -13.72 | 238 | 0.500 | -6.02 | 330 | 0.853 | -1.38 |
| 56 | 0.980 | -0.18 | 148 | 0.193 | -14.29 | 240 | 0.531 | -5.50 | 332 | 0.841 | -1.50 |
| 58 | 0.987 | -0.11 | 150 | 0.179 | -14.94 | 242 | 0.560 | -5.04 | 334 | 0.829 | -1.63 |
| 60 | 0.993 | -0.06 | 152 | 0.178 | -14.99 | 244 | 0.588 | -4.61 | 336 | 0.818 | -1.74 |
| 62 | 0.994 | -0.05 | 154 | 0.178 | -14.99 | 246 | 0.617 | -4.19 | 338 | 0.806 | -1.87 |
| 64 | 0.995 | -0.04 | 156 | 0.177 | -15.04 | 248 | 0.645 | -3.81 | 340 | 0.794 | -2.00 |
| 66 | 1.000 | 0.00 | 158 | 0.177 | -15.04 | 250 | 0.674 | -3.43 | 342 | 0.785 | -2.10 |
| 68 | 1.000 | 0.00 | 160 | 0.176 | -15.09 | 252 | 0.698 | -3.12 | 344 | 0.776 | -2.20 |
| 70 | 0.998 | -0.02 | 162 | 0.182 | -14.80 | 254 | 0.722 | -2.83 | 346 | 0.768 | -2.29 |
| 72 | 0.992 | -0.07 | 164 | 0.187 | -14.56 | 256 | 0.747 | -2.53 | 348 | 0.759 | -2.40 |
| 74 | 0.985 | -0.13 | 166 | 0.193 | -14.29 | 258 | 0.771 | -2.26 | 350 | 0.750 | -2.50 |
| 76 | 0.979 | -0.18 | 168 | 0.198 | -14.07 | 260 | 0.795 | -1.99 | 352 | 0.747 | -2.53 |
| 78 | 0.972 | -0.25 | 170 | 0.204 | -13.81 | 262 | 0.815 | -1.78 | 354 | 0.744 | -2.57 |
| 80 | 0.966 | -0.30 | 172 | 0.207 | -13.68 | 264 | 0.835 | -1.57 | 356 | 0.740 | -2.62 |
| 82 | 0.952 | -0.43 | 174 | 0.211 | -13.51 | 266 | 0.854 | -1.37 | 358 | 0.737 | -2.65 |
| 84 | 0.937 | -0.57 | 176 | 0.214 | -13.39 | 268 | 0.874 | -1.17 | 360 | 0.734 | -2.69 |
| 86 | 0.923 | -0.70 | 178 | 0.218 | -13.23 | 270 | 0.894 | -0.97 | | | |
| 88 | 0.908 | -0.84 | 180 | 0.221 | -13.11 | 272 | 0.908 | -0.84 | | | |
| 90 | 0.894 | -0.97 | 182 | 0.218 | -13.23 | 274 | 0.923 | -0.70 | | | |

