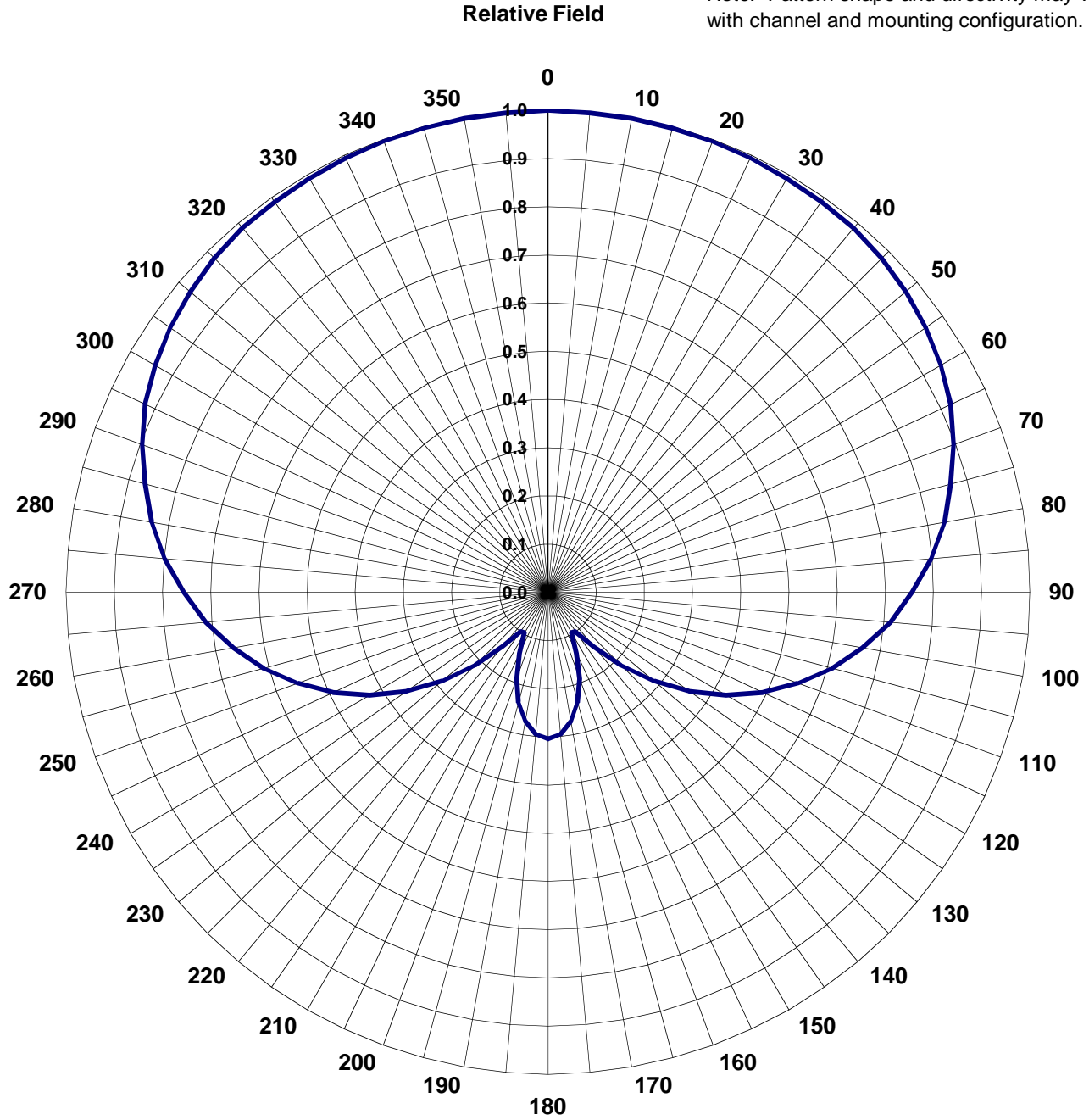


AZIMUTH PATTERN

| | | |
|----------------------|-------------------|---------------|
| TYPE: | ALPL-E-H | |
| | Numeric | dB |
| Directivity: | 1.88 | (2.74) |
| 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: ALPL-E-H

POLARIZATION: Horizontal

| ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB |
|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|
| 0 | 0.999 | 0.00 | 92 | 0.739 | -2.56 | 184 | 0.298 | -10.06 | 276 | 0.805 | -1.95 |
| 2 | 1.000 | -0.01 | 94 | 0.721 | -2.72 | 186 | 0.292 | -10.26 | 278 | 0.821 | -1.81 |
| 4 | 0.999 | -0.01 | 96 | 0.703 | -2.89 | 188 | 0.283 | -10.52 | 280 | 0.836 | -1.66 |
| 6 | 0.998 | -0.01 | 98 | 0.683 | -3.07 | 190 | 0.272 | -10.84 | 282 | 0.848 | -1.52 |
| 8 | 0.997 | -0.01 | 100 | 0.662 | -3.26 | 192 | 0.259 | -11.24 | 284 | 0.862 | -1.39 |
| 10 | 0.999 | -0.01 | 102 | 0.642 | -3.47 | 194 | 0.245 | -11.67 | 286 | 0.874 | -1.26 |
| 12 | 0.998 | -0.01 | 104 | 0.621 | -3.69 | 196 | 0.228 | -12.11 | 288 | 0.885 | -1.13 |
| 14 | 0.998 | -0.01 | 106 | 0.599 | -3.93 | 198 | 0.211 | -12.62 | 290 | 0.896 | -1.01 |
| 16 | 0.996 | -0.01 | 108 | 0.576 | -4.19 | 200 | 0.191 | -13.07 | 292 | 0.907 | -0.90 |
| 18 | 0.993 | -0.01 | 110 | 0.553 | -4.48 | 202 | 0.170 | -13.51 | 294 | 0.916 | -0.79 |
| 20 | 0.996 | -0.01 | 112 | 0.530 | -4.81 | 204 | 0.150 | -13.94 | 296 | 0.926 | -0.69 |
| 22 | 0.995 | -0.01 | 114 | 0.504 | -5.16 | 206 | 0.131 | -14.24 | 298 | 0.934 | -0.59 |
| 24 | 0.994 | -0.01 | 116 | 0.479 | -5.55 | 208 | 0.112 | -14.47 | 300 | 0.941 | -0.50 |
| 26 | 0.995 | -0.01 | 118 | 0.454 | -5.97 | 210 | 0.098 | -14.52 | 302 | 0.950 | -0.43 |
| 28 | 0.993 | -0.01 | 120 | 0.427 | -6.45 | 212 | 0.091 | -14.47 | 304 | 0.954 | -0.35 |
| 30 | 0.992 | -0.01 | 122 | 0.399 | -6.96 | 214 | 0.094 | -14.24 | 306 | 0.959 | -0.29 |
| 32 | 0.992 | -0.01 | 124 | 0.371 | -7.49 | 216 | 0.105 | -13.85 | 308 | 0.965 | -0.23 |
| 34 | 0.990 | -0.01 | 126 | 0.344 | -8.09 | 218 | 0.123 | -13.39 | 310 | 0.970 | -0.18 |
| 36 | 0.990 | -0.01 | 128 | 0.316 | -8.73 | 220 | 0.147 | -12.80 | 312 | 0.975 | -0.14 |
| 38 | 0.988 | -0.02 | 130 | 0.286 | -9.37 | 222 | 0.173 | -12.15 | 314 | 0.978 | -0.10 |
| 40 | 0.987 | -0.03 | 132 | 0.257 | -10.06 | 224 | 0.201 | -11.47 | 316 | 0.981 | -0.08 |
| 42 | 0.983 | -0.05 | 134 | 0.228 | -10.78 | 226 | 0.228 | -10.78 | 318 | 0.983 | -0.05 |
| 44 | 0.981 | -0.08 | 136 | 0.201 | -11.47 | 228 | 0.257 | -10.06 | 320 | 0.987 | -0.03 |
| 46 | 0.978 | -0.10 | 138 | 0.173 | -12.15 | 230 | 0.286 | -9.37 | 322 | 0.988 | -0.02 |
| 48 | 0.975 | -0.14 | 140 | 0.147 | -12.80 | 232 | 0.316 | -8.73 | 324 | 0.990 | -0.01 |
| 50 | 0.970 | -0.18 | 142 | 0.123 | -13.39 | 234 | 0.344 | -8.09 | 326 | 0.990 | -0.01 |
| 52 | 0.965 | -0.23 | 144 | 0.105 | -13.85 | 236 | 0.371 | -7.49 | 328 | 0.992 | -0.01 |
| 54 | 0.959 | -0.29 | 146 | 0.094 | -14.24 | 238 | 0.399 | -6.96 | 330 | 0.992 | -0.01 |
| 56 | 0.954 | -0.35 | 148 | 0.091 | -14.47 | 240 | 0.427 | -6.45 | 332 | 0.993 | -0.01 |
| 58 | 0.950 | -0.43 | 150 | 0.098 | -14.52 | 242 | 0.454 | -5.97 | 334 | 0.995 | -0.01 |
| 60 | 0.941 | -0.50 | 152 | 0.112 | -14.47 | 244 | 0.479 | -5.55 | 336 | 0.994 | -0.01 |
| 62 | 0.934 | -0.59 | 154 | 0.131 | -14.24 | 246 | 0.504 | -5.16 | 338 | 0.995 | -0.01 |
| 64 | 0.926 | -0.69 | 156 | 0.150 | -13.94 | 248 | 0.530 | -4.81 | 340 | 0.996 | -0.01 |
| 66 | 0.916 | -0.79 | 158 | 0.170 | -13.51 | 250 | 0.553 | -4.48 | 342 | 0.993 | -0.01 |
| 68 | 0.907 | -0.90 | 160 | 0.191 | -13.07 | 252 | 0.576 | -4.19 | 344 | 0.996 | -0.01 |
| 70 | 0.896 | -1.01 | 162 | 0.211 | -12.62 | 254 | 0.599 | -3.93 | 346 | 0.998 | -0.01 |
| 72 | 0.885 | -1.13 | 164 | 0.228 | -12.11 | 256 | 0.621 | -3.69 | 348 | 0.998 | -0.01 |
| 74 | 0.874 | -1.26 | 166 | 0.245 | -11.67 | 258 | 0.642 | -3.47 | 350 | 0.999 | -0.01 |
| 76 | 0.862 | -1.39 | 168 | 0.259 | -11.24 | 260 | 0.662 | -3.26 | 352 | 0.997 | -0.01 |
| 78 | 0.848 | -1.52 | 170 | 0.272 | -10.84 | 262 | 0.683 | -3.07 | 354 | 0.998 | -0.01 |
| 80 | 0.836 | -1.66 | 172 | 0.283 | -10.52 | 264 | 0.703 | -2.89 | 356 | 0.999 | -0.01 |
| 82 | 0.821 | -1.81 | 174 | 0.292 | -10.26 | 266 | 0.721 | -2.72 | 358 | 1.000 | -0.01 |
| 84 | 0.805 | -1.95 | 176 | 0.298 | -10.06 | 268 | 0.739 | -2.56 | 360 | 0.999 | 0.00 |
| 86 | 0.791 | -2.10 | 178 | 0.303 | -9.92 | 270 | 0.756 | -2.41 | | | |
| 88 | 0.775 | -2.25 | 180 | 0.305 | -9.84 | 272 | 0.775 | -2.25 | | | |
| 90 | 0.756 | -2.41 | 182 | 0.303 | -9.92 | 274 | 0.791 | -2.10 | | | |

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