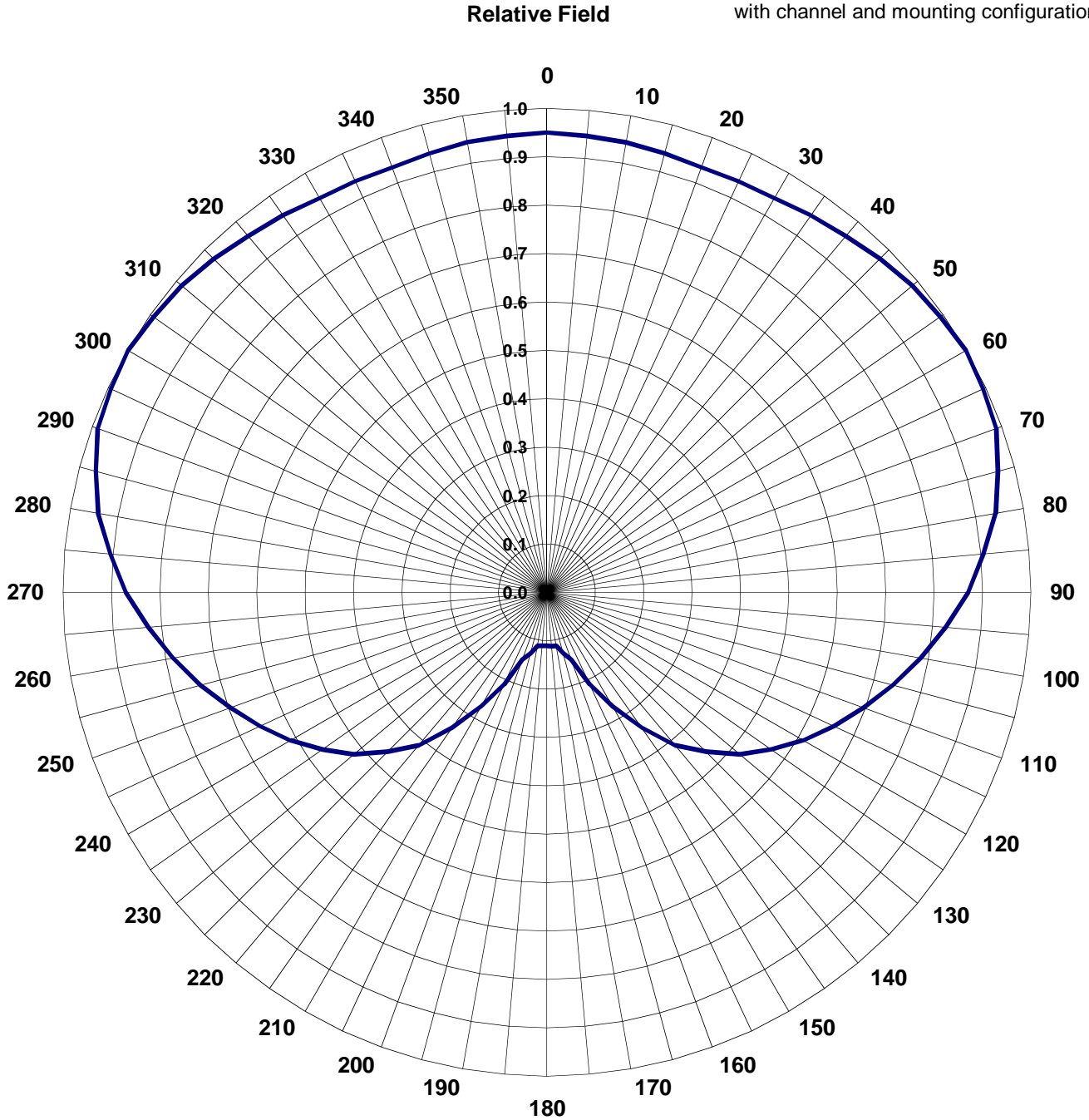


AZIMUTH PATTERN

| | | |
|----------------------|-------------------|---------------|
| TYPE: | ALP-WR | |
| | Numeric | dB |
| Directivity: | 1.69 | (2.28) |
| 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-WR

POLARIZATION: Horizontal

| ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB | ANGLE | FIELD | dB |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | 0.950 | -19.09 | 92 | 0.853 | -0.79 | 184 | 0.111 | -0.49 | 276 | 0.913 | -2.10 |
| 2 | 0.949 | -19.02 | 94 | 0.836 | -0.65 | 186 | 0.112 | -0.50 | 278 | 0.928 | -2.30 |
| 4 | 0.948 | -19.02 | 96 | 0.819 | -0.52 | 188 | 0.112 | -0.52 | 280 | 0.942 | -2.50 |
| 6 | 0.946 | -19.02 | 98 | 0.802 | -0.44 | 190 | 0.112 | -0.54 | 282 | 0.951 | -2.71 |
| 8 | 0.945 | -18.49 | 100 | 0.785 | -0.35 | 192 | 0.119 | -0.56 | 284 | 0.960 | -2.91 |
| 10 | 0.944 | -17.99 | 102 | 0.767 | -0.26 | 194 | 0.126 | -0.57 | 286 | 0.970 | -3.14 |
| 12 | 0.942 | -17.46 | 104 | 0.750 | -0.18 | 196 | 0.134 | -0.59 | 288 | 0.979 | -3.35 |
| 14 | 0.940 | -17.02 | 106 | 0.732 | -0.10 | 198 | 0.141 | -0.58 | 290 | 0.988 | -3.57 |
| 16 | 0.938 | -16.59 | 108 | 0.715 | -0.09 | 200 | 0.148 | -0.57 | 292 | 0.990 | -3.80 |
| 18 | 0.936 | -15.24 | 110 | 0.697 | -0.06 | 202 | 0.173 | -0.56 | 294 | 0.993 | -4.03 |
| 20 | 0.934 | -14.07 | 112 | 0.680 | -0.04 | 204 | 0.198 | -0.55 | 296 | 0.995 | -4.26 |
| 22 | 0.935 | -13.07 | 114 | 0.663 | -0.02 | 206 | 0.222 | -0.54 | 298 | 0.998 | -4.52 |
| 24 | 0.936 | -12.15 | 116 | 0.646 | 0.00 | 208 | 0.247 | -0.50 | 300 | 1.000 | -4.79 |
| 26 | 0.938 | -11.31 | 118 | 0.629 | -0.03 | 210 | 0.272 | -0.46 | 302 | 0.997 | -5.08 |
| 28 | 0.939 | -10.46 | 120 | 0.612 | -0.05 | 212 | 0.300 | -0.42 | 304 | 0.994 | -5.37 |
| 30 | 0.940 | -9.68 | 122 | 0.594 | -0.07 | 214 | 0.328 | -0.38 | 306 | 0.992 | -5.66 |
| 32 | 0.944 | -8.97 | 124 | 0.576 | -0.10 | 216 | 0.356 | -0.35 | 308 | 0.989 | -6.04 |
| 34 | 0.948 | -8.31 | 126 | 0.557 | -0.12 | 218 | 0.384 | -0.30 | 310 | 0.986 | -6.43 |
| 36 | 0.953 | -7.70 | 128 | 0.539 | -0.17 | 220 | 0.412 | -0.26 | 312 | 0.981 | -6.82 |
| 38 | 0.957 | -7.25 | 130 | 0.521 | -0.21 | 222 | 0.434 | -0.21 | 314 | 0.976 | -7.25 |
| 40 | 0.961 | -6.82 | 132 | 0.499 | -0.26 | 224 | 0.456 | -0.17 | 316 | 0.971 | -7.70 |
| 42 | 0.966 | -6.43 | 134 | 0.477 | -0.30 | 226 | 0.477 | -0.12 | 318 | 0.966 | -8.31 |
| 44 | 0.971 | -6.04 | 136 | 0.456 | -0.35 | 228 | 0.499 | -0.10 | 320 | 0.961 | -8.97 |
| 46 | 0.976 | -5.66 | 138 | 0.434 | -0.38 | 230 | 0.521 | -0.07 | 322 | 0.957 | -9.68 |
| 48 | 0.981 | -5.37 | 140 | 0.412 | -0.42 | 232 | 0.539 | -0.05 | 324 | 0.953 | -10.46 |
| 50 | 0.986 | -5.08 | 142 | 0.384 | -0.46 | 234 | 0.557 | -0.03 | 326 | 0.948 | -11.31 |
| 52 | 0.989 | -4.79 | 144 | 0.356 | -0.50 | 236 | 0.576 | 0.00 | 328 | 0.944 | -12.15 |
| 54 | 0.992 | -4.52 | 146 | 0.328 | -0.54 | 238 | 0.594 | -0.02 | 330 | 0.940 | -13.07 |
| 56 | 0.994 | -4.26 | 148 | 0.300 | -0.55 | 240 | 0.612 | -0.04 | 332 | 0.939 | -14.07 |
| 58 | 0.997 | -4.03 | 150 | 0.272 | -0.56 | 242 | 0.629 | -0.06 | 334 | 0.938 | -15.24 |
| 60 | 1.000 | -3.80 | 152 | 0.247 | -0.57 | 244 | 0.646 | -0.09 | 336 | 0.936 | -16.59 |
| 62 | 0.998 | -3.57 | 154 | 0.222 | -0.58 | 246 | 0.663 | -0.10 | 338 | 0.935 | -17.02 |
| 64 | 0.995 | -3.35 | 156 | 0.198 | -0.59 | 248 | 0.680 | -0.18 | 340 | 0.934 | -17.46 |
| 66 | 0.993 | -3.14 | 158 | 0.173 | -0.57 | 250 | 0.697 | -0.26 | 342 | 0.936 | -17.99 |
| 68 | 0.990 | -2.91 | 160 | 0.148 | -0.56 | 252 | 0.715 | -0.35 | 344 | 0.938 | -18.49 |
| 70 | 0.988 | -2.71 | 162 | 0.141 | -0.54 | 254 | 0.732 | -0.44 | 346 | 0.940 | -19.02 |
| 72 | 0.979 | -2.50 | 164 | 0.134 | -0.52 | 256 | 0.750 | -0.52 | 348 | 0.942 | -19.02 |
| 74 | 0.970 | -2.30 | 166 | 0.126 | -0.50 | 258 | 0.767 | -0.65 | 350 | 0.944 | -19.02 |
| 76 | 0.960 | -2.10 | 168 | 0.119 | -0.49 | 260 | 0.785 | -0.79 | 352 | 0.945 | -19.09 |
| 78 | 0.951 | -1.92 | 170 | 0.112 | -0.48 | 262 | 0.802 | -0.92 | 354 | 0.946 | -19.09 |
| 80 | 0.942 | -1.73 | 172 | 0.112 | -0.46 | 264 | 0.819 | -1.07 | 356 | 0.948 | -19.09 |
| 82 | 0.928 | -1.56 | 174 | 0.112 | -0.45 | 266 | 0.836 | -1.21 | 358 | 0.949 | -19.09 |
| 84 | 0.913 | -1.38 | 176 | 0.111 | -0.45 | 268 | 0.853 | -1.38 | 360 | 0.950 | -0.45 |
| 86 | 0.899 | -1.21 | 178 | 0.111 | -0.45 | 270 | 0.870 | -1.56 | | | |
| 88 | 0.884 | -1.07 | 180 | 0.111 | -0.46 | 272 | 0.884 | -1.73 | | | |
| 90 | 0.870 | -0.92 | 182 | 0.111 | -0.48 | 274 | 0.899 | -1.92 | | | |

