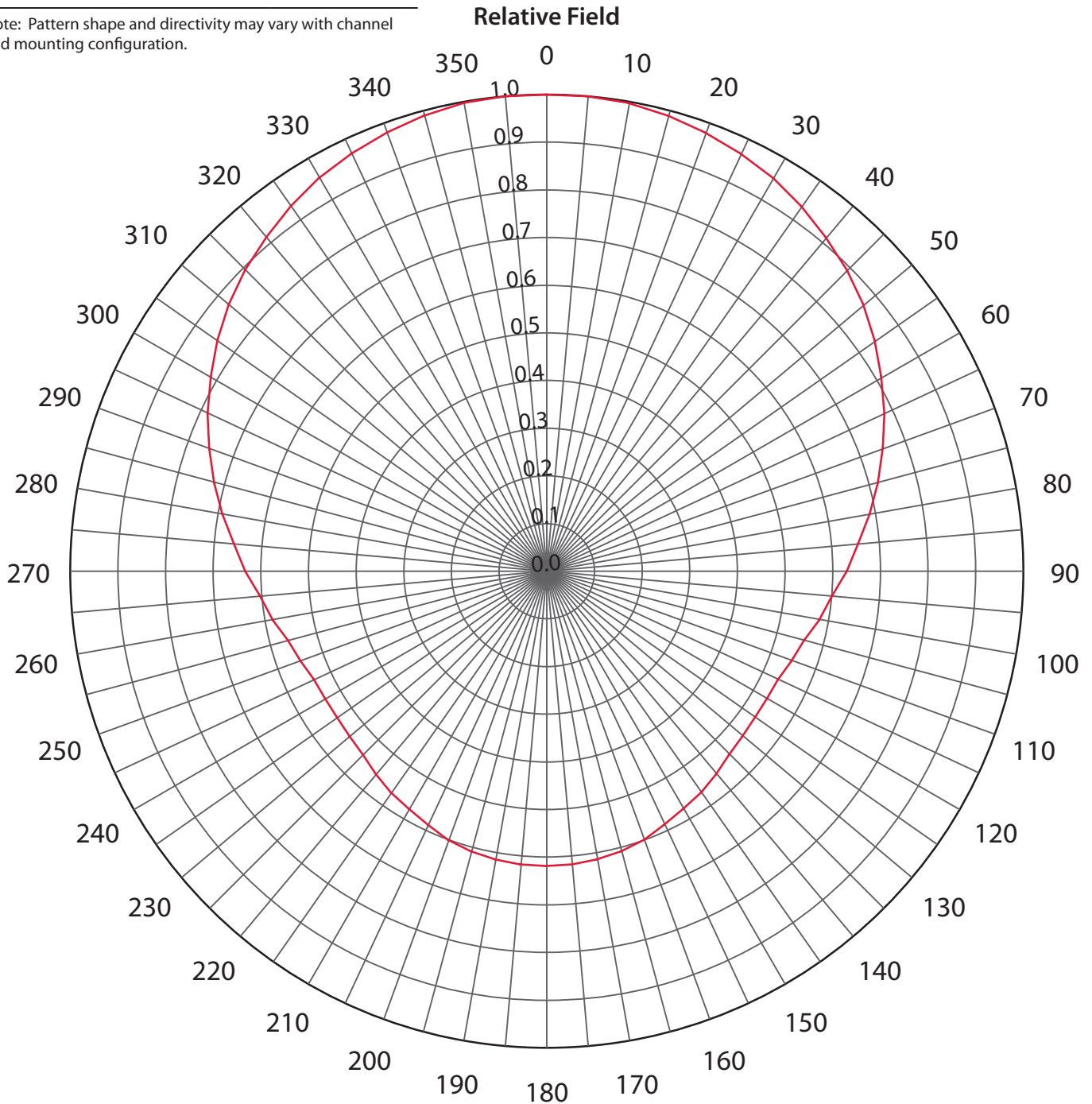


Azimuth Pattern

| | | |
|---------------|------------|--------|
| Type: | ATW-S | |
| | Numeric | dB |
| Directivity: | 1.83 | (2.62) |
| Peak(s) at: | | |
| Polarization: | Horizontal | |
| Frequency: | | |
| Location: | | |

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



Tabulated Data for Azimuth Pattern

Type: ATW-S

| Angle | Field | dB |
|-------|-------|-------|
| 0 | 1.000 | 0.00 |
| 2 | 1.000 | 0.00 |
| 4 | 0.999 | -0.01 |
| 6 | 0.998 | -0.02 |
| 8 | 0.997 | -0.03 |
| 10 | 0.995 | -0.04 |
| 12 | 0.992 | -0.07 |
| 14 | 0.990 | -0.09 |
| 16 | 0.986 | -0.12 |
| 18 | 0.983 | -0.15 |
| 20 | 0.979 | -0.18 |
| 22 | 0.974 | -0.23 |
| 24 | 0.969 | -0.27 |
| 26 | 0.964 | -0.32 |
| 28 | 0.958 | -0.37 |
| 30 | 0.952 | -0.43 |
| 32 | 0.945 | -0.49 |
| 34 | 0.938 | -0.56 |
| 36 | 0.931 | -0.62 |
| 38 | 0.923 | -0.70 |
| 40 | 0.915 | -0.77 |
| 42 | 0.906 | -0.86 |
| 44 | 0.897 | -0.94 |
| 46 | 0.888 | -1.03 |
| 48 | 0.878 | -1.13 |
| 50 | 0.868 | -1.23 |
| 52 | 0.858 | -1.33 |
| 54 | 0.847 | -1.44 |
| 56 | 0.836 | -1.56 |
| 58 | 0.825 | -1.67 |
| 60 | 0.813 | -1.80 |
| 62 | 0.802 | -1.92 |
| 64 | 0.790 | -2.05 |
| 66 | 0.778 | -2.18 |
| 68 | 0.765 | -2.33 |
| 70 | 0.753 | -2.46 |
| 72 | 0.740 | -2.62 |

| Angle | Field | dB |
|-------|-------|-------|
| 74 | 0.728 | -2.76 |
| 76 | 0.715 | -2.91 |
| 78 | 0.703 | -3.06 |
| 80 | 0.691 | -3.21 |
| 82 | 0.679 | -3.36 |
| 84 | 0.667 | -3.52 |
| 86 | 0.655 | -3.68 |
| 88 | 0.643 | -3.84 |
| 90 | 0.632 | -3.99 |
| 92 | 0.621 | -4.14 |
| 94 | 0.611 | -4.28 |
| 96 | 0.601 | -4.42 |
| 98 | 0.592 | -4.55 |
| 100 | 0.583 | -4.69 |
| 102 | 0.575 | -4.81 |
| 104 | 0.568 | -4.91 |
| 106 | 0.561 | -5.02 |
| 108 | 0.555 | -5.11 |
| 110 | 0.550 | -5.19 |
| 112 | 0.546 | -5.26 |
| 114 | 0.542 | -5.32 |
| 116 | 0.539 | -5.37 |
| 118 | 0.537 | -5.40 |
| 120 | 0.536 | -5.42 |
| 122 | 0.535 | -5.43 |
| 124 | 0.535 | -5.43 |
| 126 | 0.536 | -5.42 |
| 128 | 0.538 | -5.38 |
| 130 | 0.539 | -5.37 |
| 132 | 0.542 | -5.32 |
| 134 | 0.545 | -5.27 |
| 136 | 0.548 | -5.22 |
| 138 | 0.552 | -5.16 |
| 140 | 0.556 | -5.10 |
| 142 | 0.560 | -5.04 |
| 144 | 0.564 | -4.97 |
| 146 | 0.569 | -4.90 |

| Angle | Field | dB |
|-------|-------|-------|
| 148 | 0.573 | -4.84 |
| 150 | 0.578 | -4.76 |
| 152 | 0.582 | -4.70 |
| 154 | 0.587 | -4.63 |
| 156 | 0.591 | -4.57 |
| 158 | 0.595 | -4.51 |
| 160 | 0.599 | -4.45 |
| 162 | 0.602 | -4.41 |
| 164 | 0.606 | -4.35 |
| 166 | 0.609 | -4.31 |
| 168 | 0.611 | -4.28 |
| 170 | 0.614 | -4.24 |
| 172 | 0.615 | -4.22 |
| 174 | 0.617 | -4.19 |
| 176 | 0.618 | -4.18 |
| 178 | 0.619 | -4.17 |
| 180 | 0.619 | -4.17 |
| 182 | 0.619 | -4.17 |
| 184 | 0.618 | -4.18 |
| 186 | 0.617 | -4.19 |
| 188 | 0.615 | -4.22 |
| 190 | 0.614 | -4.24 |
| 192 | 0.611 | -4.28 |
| 194 | 0.609 | -4.31 |
| 196 | 0.606 | -4.35 |
| 198 | 0.602 | -4.41 |
| 200 | 0.599 | -4.45 |
| 202 | 0.595 | -4.51 |
| 204 | 0.591 | -4.57 |
| 206 | 0.587 | -4.63 |
| 208 | 0.582 | -4.70 |
| 210 | 0.578 | -4.76 |
| 212 | 0.573 | -4.84 |
| 214 | 0.569 | -4.90 |
| 216 | 0.564 | -4.97 |
| 218 | 0.560 | -5.04 |
| 220 | 0.556 | -5.10 |

| Angle | Field | dB |
|-------|-------|-------|
| 222 | 0.552 | -5.16 |
| 224 | 0.548 | -5.22 |
| 226 | 0.545 | -5.27 |
| 228 | 0.542 | -5.32 |
| 230 | 0.539 | -5.37 |
| 232 | 0.538 | -5.38 |
| 234 | 0.536 | -5.42 |
| 236 | 0.535 | -5.43 |
| 238 | 0.535 | -5.43 |
| 240 | 0.536 | -5.42 |
| 242 | 0.537 | -5.40 |
| 244 | 0.539 | -5.37 |
| 246 | 0.542 | -5.32 |
| 248 | 0.546 | -5.26 |
| 250 | 0.550 | -5.19 |
| 252 | 0.555 | -5.11 |
| 254 | 0.561 | -5.02 |
| 256 | 0.568 | -4.91 |
| 258 | 0.575 | -4.81 |
| 260 | 0.583 | -4.69 |
| 262 | 0.592 | -4.55 |
| 264 | 0.601 | -4.42 |
| 266 | 0.611 | -4.28 |
| 268 | 0.621 | -4.14 |
| 270 | 0.632 | -3.99 |
| 272 | 0.643 | -3.84 |
| 274 | 0.655 | -3.68 |
| 276 | 0.667 | -3.52 |
| 278 | 0.679 | -3.36 |
| 280 | 0.691 | -3.21 |
| 282 | 0.703 | -3.06 |
| 284 | 0.715 | -2.91 |
| 286 | 0.728 | -2.76 |
| 288 | 0.740 | -2.62 |
| 290 | 0.753 | -2.46 |
| 292 | 0.765 | -2.33 |
| 294 | 0.778 | -2.18 |

| Angle | Field | dB |
|-------|-------|-------|
| 296 | 0.790 | -2.05 |
| 298 | 0.802 | -1.92 |
| 300 | 0.813 | -1.80 |
| 302 | 0.825 | -1.67 |
| 304 | 0.836 | -1.56 |
| 306 | 0.847 | -1.44 |
| 308 | 0.858 | -1.33 |
| 310 | 0.868 | -1.23 |
| 312 | 0.878 | -1.13 |
| 314 | 0.888 | -1.03 |
| 316 | 0.897 | -0.94 |
| 318 | 0.906 | -0.86 |
| 320 | 0.915 | -0.77 |
| 322 | 0.923 | -0.70 |
| 324 | 0.931 | -0.62 |
| 326 | 0.938 | -0.56 |
| 328 | 0.945 | -0.49 |
| 330 | 0.952 | -0.43 |
| 332 | 0.958 | -0.37 |
| 334 | 0.964 | -0.32 |
| 336 | 0.969 | -0.27 |
| 338 | 0.974 | -0.23 |
| 340 | 0.979 | -0.18 |
| 342 | 0.983 | -0.15 |
| 344 | 0.986 | -0.12 |
| 346 | 0.990 | -0.09 |
| 348 | 0.992 | -0.07 |
| 350 | 0.995 | -0.04 |
| 352 | 0.997 | -0.03 |
| 354 | 0.998 | -0.02 |
| 356 | 0.999 | -0.01 |
| 358 | 1.000 | 0.00 |
| 360 | 1.000 | 0.00 |

