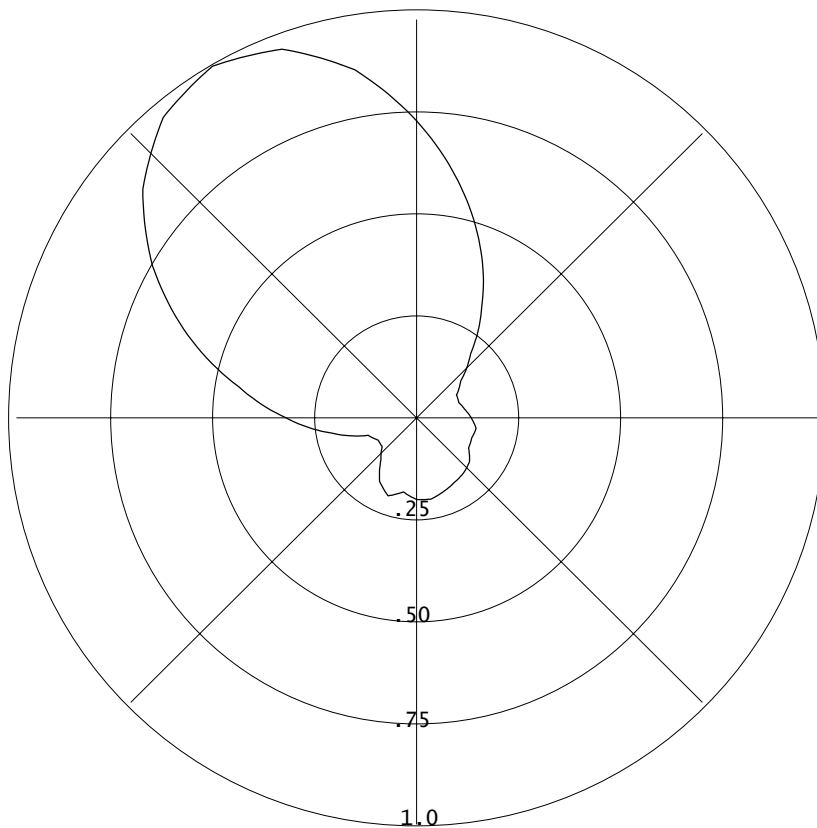


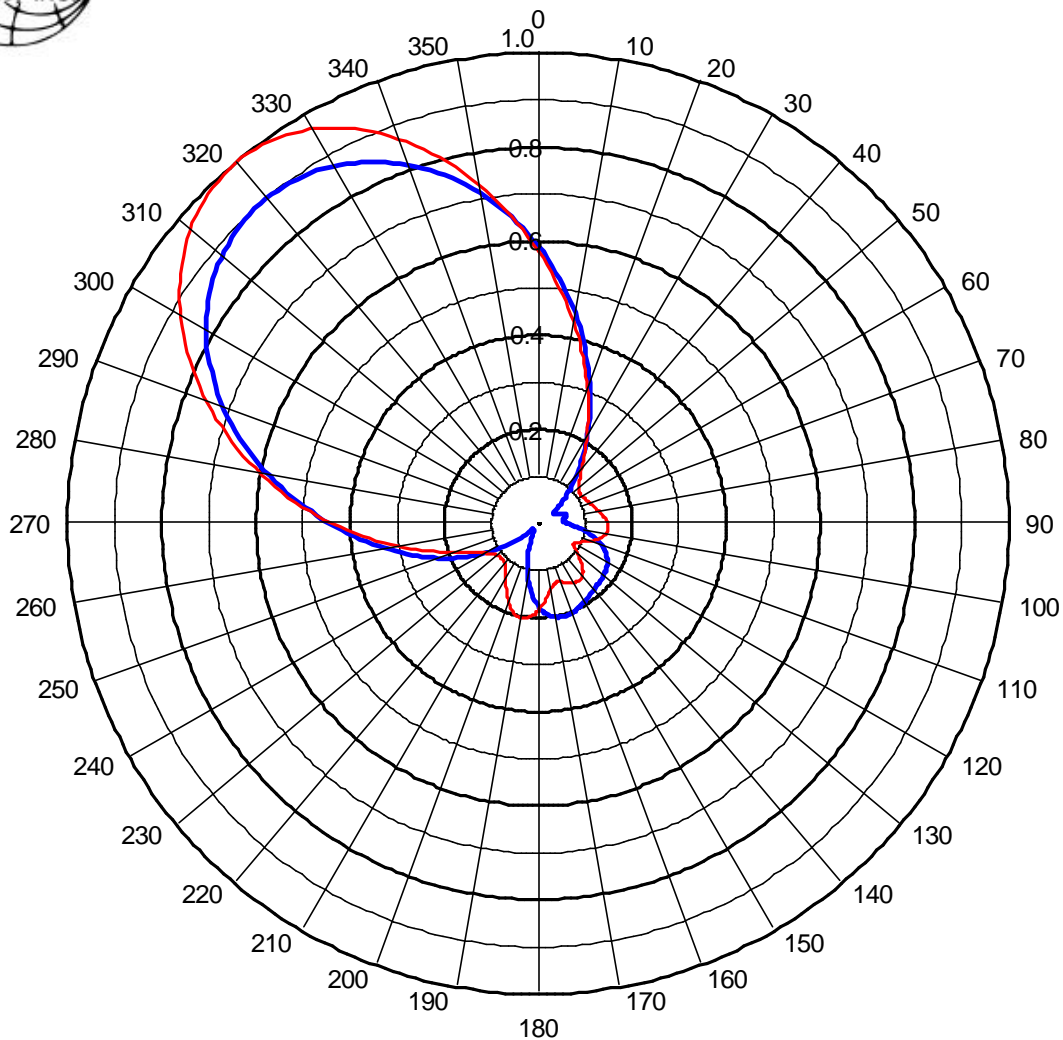
Bearing      Field value

|     |   |      |
|-----|---|------|
| 000 | = | .731 |
| 010 | = | .59  |
| 020 | = | .453 |
| 030 | = | .32  |
| 040 | = | .206 |
| 050 | = | .141 |
| 060 | = | .113 |
| 070 | = | .11  |
| 080 | = | .12  |
| 090 | = | .134 |
| 100 | = | .148 |
| 110 | = | .144 |
| 120 | = | .147 |
| 130 | = | .169 |
| 140 | = | .178 |
| 150 | = | .184 |
| 160 | = | .193 |
| 170 | = | .203 |
| 180 | = | .201 |
| 190 | = | .185 |
| 200 | = | .204 |
| 210 | = | .181 |
| 220 | = | .136 |
| 230 | = | .11  |
| 240 | = | .109 |
| 250 | = | .126 |
| 260 | = | .214 |
| 270 | = | .32  |
| 280 | = | .443 |
| 290 | = | .597 |
| 300 | = | .747 |
| 310 | = | .876 |
| 320 | = | .966 |
| 330 | = | 1    |
| 340 | = | .966 |
| 350 | = | .87  |





NOTE: Rotate Antenna +10 degrees. Peak Azimuth on Application is 330 degrees.



### Azimuth Pattern Details

Customer: Simmons Media

Model: JCPD-1/2 (2)

Type: FM Panel Booster Antenna

Channels: 95.9-107.9 MHz

Notes: Circularly Polarized, 1-bay, 4-dipole FM Panel Antenna

Blue = H-Pol

Red = V-Pol



NOTE: Rotate Antenna +10 degrees. Peak Azimuth on Application is 330 degrees.

| <u>AZIMUTH</u> | <u>HPOL</u> | <u>VPOL</u> | <u>AZIMUTH</u> | <u>HPOL</u> | <u>VPOL</u> |
|----------------|-------------|-------------|----------------|-------------|-------------|
| 0              | 0.590       | 0.579       | 180            | 0.175       | 0.185       |
| 5              | 0.522       | 0.505       | 185            | 0.151       | 0.199       |
| 10             | 0.453       | 0.434       | 190            | 0.122       | 0.204       |
| 15             | 0.385       | 0.367       | 195            | 0.089       | 0.197       |
| 20             | 0.320       | 0.306       | 200            | 0.057       | 0.181       |
| 25             | 0.260       | 0.251       | 205            | 0.030       | 0.158       |
| 30             | 0.206       | 0.204       | 210            | 0.016       | 0.136       |
| 35             | 0.160       | 0.168       | 215            | 0.017       | 0.119       |
| 40             | 0.120       | 0.141       | 220            | 0.016       | 0.110       |
| 45             | 0.086       | 0.124       | 225            | 0.019       | 0.107       |
| 50             | 0.058       | 0.113       | 230            | 0.042       | 0.109       |
| 55             | 0.041       | 0.109       | 235            | 0.077       | 0.114       |
| 60             | 0.043       | 0.110       | 240            | 0.119       | 0.126       |
| 65             | 0.052       | 0.115       | 245            | 0.166       | 0.147       |
| 70             | 0.059       | 0.120       | 250            | 0.214       | 0.181       |
| 75             | 0.059       | 0.126       | 255            | 0.266       | 0.229       |
| 80             | 0.055       | 0.134       | 260            | 0.320       | 0.290       |
| 85             | 0.054       | 0.142       | 265            | 0.379       | 0.360       |
| 90             | 0.063       | 0.148       | 270            | 0.443       | 0.438       |
| 95             | 0.082       | 0.150       | 275            | 0.511       | 0.517       |
| 100            | 0.106       | 0.144       | 280            | 0.580       | 0.597       |
| 105            | 0.128       | 0.130       | 285            | 0.647       | 0.674       |
| 110            | 0.147       | 0.112       | 290            | 0.710       | 0.747       |
| 115            | 0.161       | 0.094       | 295            | 0.766       | 0.815       |
| 120            | 0.169       | 0.087       | 300            | 0.814       | 0.876       |
| 125            | 0.175       | 0.096       | 305            | 0.852       | 0.927       |
| 130            | 0.178       | 0.115       | 310            | 0.879       | 0.966       |
| 135            | 0.180       | 0.133       | 315            | 0.895       | 0.991       |
| 140            | 0.184       | 0.145       | 320            | 0.900       | 1.000       |
| 145            | 0.188       | 0.149       | 325            | 0.893       | 0.992       |
| 150            | 0.193       | 0.146       | 330            | 0.876       | 0.966       |
| 155            | 0.199       | 0.138       | 335            | 0.848       | 0.925       |
| 160            | 0.203       | 0.132       | 340            | 0.811       | 0.870       |
| 165            | 0.205       | 0.133       | 345            | 0.765       | 0.804       |
| 170            | 0.201       | 0.145       | 350            | 0.712       | 0.731       |
| 175            | 0.192       | 0.165       | 355            | 0.653       | 0.655       |