

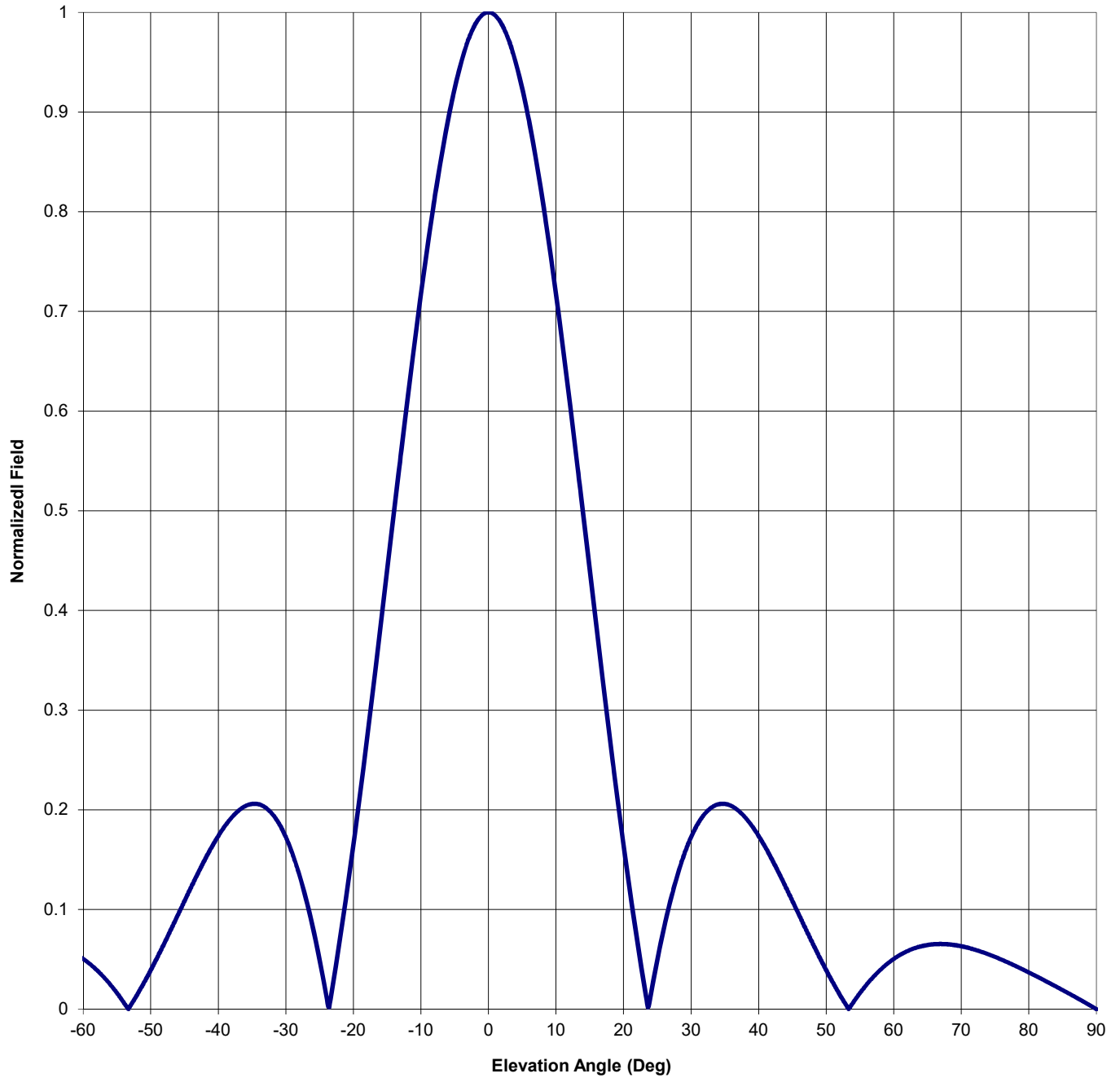
Antenna Mfg.: Shively Labs
Antenna Type: 6812B-HW-5

Date: 11/3/2020

Station: 0
Frequency: 98.1
Channel #: 251

| | | |
|----------------|-------|----------|
| Beam Tilt | 0 | |
| Gain (Max) | 1.623 | 2.103 dB |
| Gain (Horizon) | 1.623 | 2.103 dB |

Figure: Figure 3



Antenna Mfg.: Shively Labs
 Antenna Type: 6812B-HW-5

Date: 11/3/2020

Station: 0
 Frequency: 98.1
 Channel #: 251

Beam Tilt 0
 Gain (Max) 1.623
 Gain (Horizon) 1.623

2.103 dB
 2.103 dB

Figure: Figure 3

| Angle of Depression (Deg) | Relative Field | Angle of Depression (Deg) | Relative Field | Angle of Depression (Deg) | Relative Field | Angle of Depression (Deg) | Relative Field |
|---------------------------|----------------|---------------------------|----------------|---------------------------|----------------|---------------------------|----------------|
| -90 | 0.000 | -44 | 0.123 | 0 | 1.000 | 46 | 0.094 |
| -89 | 0.004 | -43 | 0.137 | 1 | 0.997 | 47 | 0.080 |
| -88 | 0.008 | -42 | 0.150 | 2 | 0.988 | 48 | 0.066 |
| -87 | 0.012 | -41 | 0.162 | 3 | 0.972 | 49 | 0.052 |
| -86 | 0.016 | -40 | 0.174 | 4 | 0.951 | 50 | 0.039 |
| -85 | 0.019 | -39 | 0.184 | 5 | 0.924 | 51 | 0.027 |
| -84 | 0.023 | -38 | 0.192 | 6 | 0.891 | 52 | 0.015 |
| -83 | 0.026 | -37 | 0.199 | 7 | 0.854 | 53 | 0.004 |
| -82 | 0.030 | -36 | 0.204 | 8 | 0.812 | 54 | 0.007 |
| -81 | 0.033 | -35 | 0.206 | 9 | 0.766 | 55 | 0.016 |
| -80 | 0.037 | -34 | 0.206 | 10 | 0.717 | 56 | 0.025 |
| -79 | 0.040 | -33 | 0.202 | 11 | 0.665 | 57 | 0.033 |
| -78 | 0.043 | -32 | 0.196 | 12 | 0.611 | 58 | 0.039 |
| -77 | 0.047 | -31 | 0.186 | 13 | 0.555 | 59 | 0.045 |
| -76 | 0.050 | -30 | 0.173 | 14 | 0.498 | 60 | 0.051 |
| -75 | 0.052 | -29 | 0.156 | 15 | 0.440 | 61 | 0.055 |
| -74 | 0.055 | -28 | 0.135 | 16 | 0.383 | 62 | 0.058 |
| -73 | 0.058 | -27 | 0.111 | 17 | 0.326 | 63 | 0.061 |
| -72 | 0.060 | -26 | 0.082 | 18 | 0.270 | 64 | 0.063 |
| -71 | 0.062 | -25 | 0.050 | 19 | 0.216 | 65 | 0.064 |
| -70 | 0.063 | -24 | 0.014 | 20 | 0.165 | 66 | 0.065 |
| -69 | 0.064 | -23 | 0.026 | 21 | 0.115 | 67 | 0.065 |
| -68 | 0.065 | -22 | 0.069 | 22 | 0.069 | 68 | 0.065 |
| -67 | 0.065 | -21 | 0.115 | 23 | 0.026 | 69 | 0.064 |
| -66 | 0.065 | -20 | 0.165 | 24 | 0.014 | 70 | 0.063 |
| -65 | 0.064 | -19 | 0.216 | 25 | 0.050 | 71 | 0.062 |
| -64 | 0.063 | -18 | 0.270 | 26 | 0.082 | 72 | 0.060 |
| -63 | 0.061 | -17 | 0.326 | 27 | 0.111 | 73 | 0.058 |
| -62 | 0.058 | -16 | 0.383 | 28 | 0.135 | 74 | 0.055 |
| -61 | 0.055 | -15 | 0.440 | 29 | 0.156 | 75 | 0.052 |
| -60 | 0.051 | -14 | 0.498 | 30 | 0.173 | 76 | 0.050 |
| -59 | 0.045 | -13 | 0.555 | 31 | 0.186 | 77 | 0.047 |
| -58 | 0.039 | -12 | 0.611 | 32 | 0.196 | 78 | 0.043 |
| -57 | 0.033 | -11 | 0.665 | 33 | 0.202 | 79 | 0.040 |
| -56 | 0.025 | -10 | 0.717 | 34 | 0.206 | 80 | 0.037 |
| -55 | 0.016 | -9 | 0.766 | 35 | 0.206 | 81 | 0.033 |
| -54 | 0.007 | -8 | 0.812 | 36 | 0.204 | 82 | 0.030 |
| -53 | 0.004 | -7 | 0.854 | 37 | 0.199 | 83 | 0.026 |
| -52 | 0.015 | -6 | 0.891 | 38 | 0.192 | 84 | 0.023 |
| -51 | 0.027 | -5 | 0.924 | 39 | 0.184 | 85 | 0.019 |
| -50 | 0.039 | -4 | 0.951 | 40 | 0.174 | 86 | 0.016 |
| -49 | 0.052 | -3 | 0.972 | 41 | 0.162 | 87 | 0.012 |
| -48 | 0.066 | -2 | 0.988 | 42 | 0.150 | 88 | 0.008 |
| -47 | 0.080 | -1 | 0.997 | 43 | 0.137 | 89 | 0.004 |
| -46 | 0.094 | 0 | 1.000 | 44 | 0.123 | 90 | 0.000 |
| -45 | 0.109 | | | 45 | 0.109 | | |