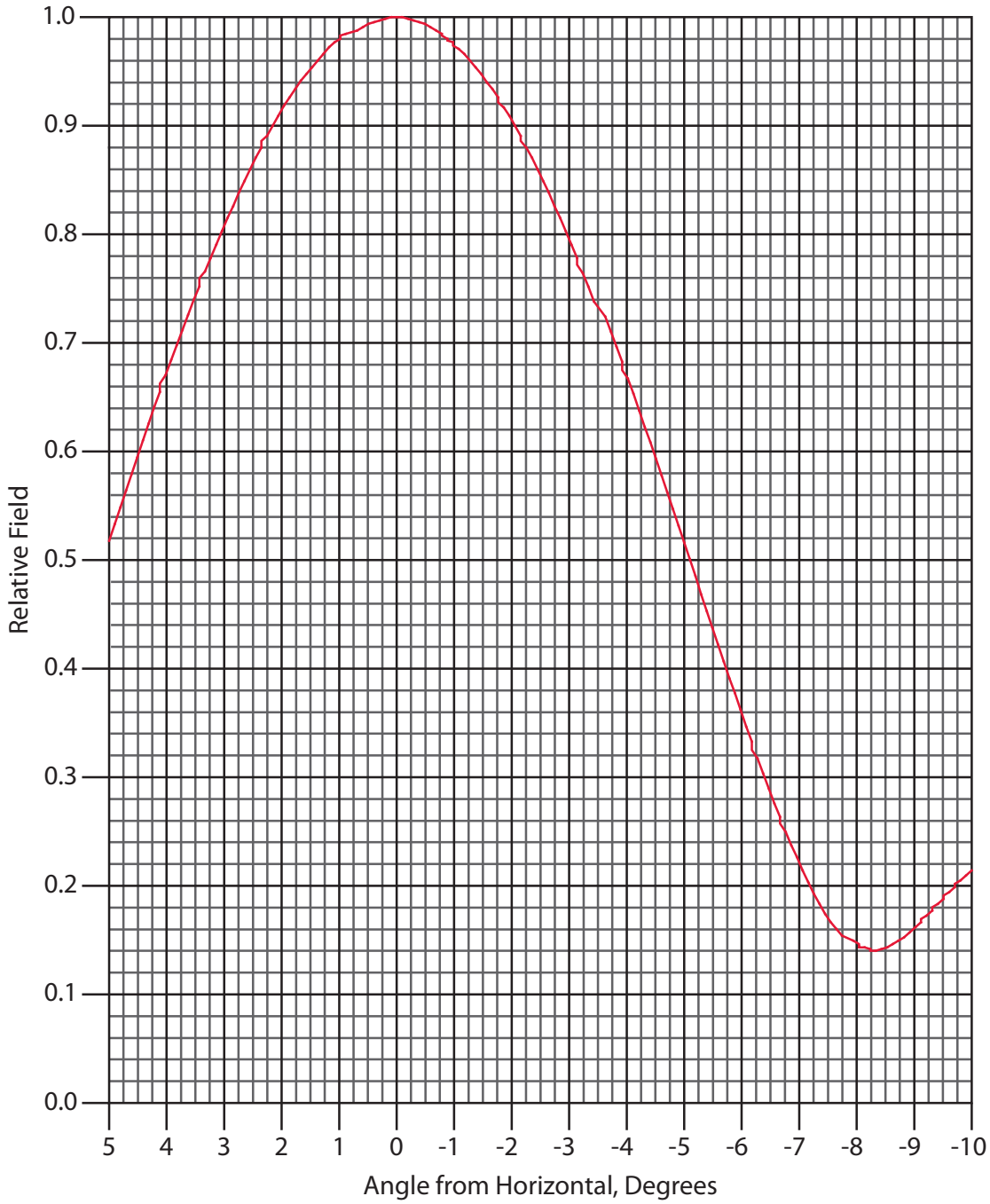
Elevation Pattern

Type:	ESR-3U0	
Directivity	*Numeric*	*dBd*
Main Lobe:	7.60	(8.81)
Horizontal:	7.60	(8.81)
Beam Tilt	0.00 °	
Polarization:	Horizontal and Vertical	
Frequency:		
Location:		



7777 Gardner Road
Chandler, IN 47610-9219
USA

+1 812 925-6000 (tel)
+1 812 925-4030 (fax)
877 ERI-LINE (toll-free)

Sales@eriinc.com
CustomerSupport@eriinc.com
www.eriinc.com

Tabulated Data for Elevation Pattern

Type: ESR-3U0

-5 to 10 degrees in 0.25 degree increments
10 to 90 degrees in 0.50 degree increments

Angle	Field	dB
5.00	0.517	-5.73
4.75	0.556	-5.10
4.50	0.595	-4.52
4.25	0.633	-3.98
4.00	0.670	-3.48
3.75	0.705	-3.03
3.50	0.739	-2.63
3.25	0.771	-2.25
3.00	0.803	-1.91
2.75	0.832	-1.60
2.50	0.860	-1.31
2.25	0.886	-1.06
2.00	0.910	-0.82
1.75	0.930	-0.63
1.50	0.948	-0.47
1.25	0.963	-0.33
1.00	0.977	-0.21
0.75	0.986	-0.12
0.50	0.993	-0.06
0.25	0.998	-0.02
0.00	1.000	0.00
-0.25	0.998	-0.02
-0.50	0.993	-0.06
-0.75	0.986	-0.12
-1.00	0.976	-0.21
-1.25	0.963	-0.33
-1.50	0.947	-0.47
-1.75	0.929	-0.64
-2.00	0.909	-0.83
-2.25	0.885	-1.06
-2.50	0.860	-1.31
-2.75	0.832	-1.59
-3.00	0.803	-1.91
-3.25	0.771	-2.26
-3.50	0.738	-2.64
-3.75	0.703	-3.06
-4.00	0.668	-3.51
-4.25	0.631	-4.00
-4.50	0.593	-4.54
-4.75	0.555	-5.12
-5.00	0.516	-5.75
-5.25	0.477	-6.43
-5.50	0.438	-7.17
-5.75	0.400	-7.97
-6.00	0.362	-8.83

Angle	Field	dB
-6.25	0.325	-9.76
-6.50	0.290	-10.76
-6.75	0.257	-11.82
-7.00	0.226	-12.92
-7.25	0.198	-14.06
-7.50	0.175	-15.16
-7.75	0.157	-16.10
-8.00	0.145	-16.76
-8.25	0.141	-17.02
-8.50	0.143	-16.87
-8.75	0.151	-16.42
-9.00	0.162	-15.80
-9.25	0.175	-15.14
-9.50	0.188	-14.50
-9.75	0.202	-13.90
-10.00	0.215	-13.37
-10.50	0.237	-12.49
-11.00	0.255	-11.88
-11.50	0.265	-11.54
-12.00	0.268	-11.43
-12.50	0.263	-11.60
-13.00	0.252	-11.97
-13.50	0.238	-12.46
-14.00	0.220	-13.15
-14.50	0.196	-14.15
-15.00	0.170	-15.39
-15.50	0.143	-16.87
-16.00	0.117	-18.63
-16.50	0.093	-20.65
-17.00	0.073	-22.72
-17.50	0.062	-24.15
-18.00	0.061	-24.25
-18.50	0.069	-23.24
-19.00	0.080	-21.97
-19.50	0.091	-20.78
-20.00	0.101	-19.89
-20.50	0.108	-19.32
-21.00	0.112	-19.04
-21.50	0.115	-18.79
-22.00	0.115	-18.76
-22.50	0.115	-18.77
-23.00	0.113	-18.97
-23.50	0.113	-18.96
-24.00	0.111	-19.08
-24.50	0.113	-18.93

Angle	Field	dB
-25.00	0.114	-18.87
-25.50	0.119	-18.50
-26.00	0.123	-18.20
-26.50	0.129	-17.80
-27.00	0.133	-17.49
-27.50	0.139	-17.13
-28.00	0.143	-16.87
-28.50	0.146	-16.71
-29.00	0.147	-16.64
-29.50	0.146	-16.73
-30.00	0.143	-16.91
-30.50	0.138	-17.17
-31.00	0.133	-17.55
-31.50	0.124	-18.10
-32.00	0.115	-18.78
-32.50	0.104	-19.66
-33.00	0.092	-20.70
-33.50	0.080	-21.94
-34.00	0.068	-23.35
-34.50	0.056	-24.97
-35.00	0.047	-26.64
-35.50	0.040	-28.06
-36.00	0.037	-28.66
-36.50	0.039	-28.24
-37.00	0.044	-27.16
-37.50	0.050	-25.99
-38.00	0.057	-24.91
-38.50	0.063	-24.04
-39.00	0.068	-23.36
-39.50	0.072	-22.87
-40.00	0.075	-22.52
-40.50	0.076	-22.35
-41.00	0.077	-22.31
-41.50	0.075	-22.44
-42.00	0.073	-22.70
-42.50	0.070	-23.08
-43.00	0.066	-23.58
-43.50	0.062	-24.22
-44.00	0.056	-24.98
-44.50	0.051	-25.84
-45.00	0.045	-26.85
-45.50	0.040	-28.01
-46.00	0.034	-29.33
-46.50	0.029	-30.73
-47.00	0.025	-32.22

Angle	Field	dB
-47.50	0.021	-33.70
-48.00	0.018	-34.91
-48.50	0.017	-35.42
-49.00	0.017	-35.21
-49.50	0.019	-34.43
-50.00	0.021	-33.45
-50.50	0.024	-32.28
-51.00	0.028	-31.19
-51.50	0.031	-30.13
-52.00	0.035	-29.19
-52.50	0.039	-28.22
-53.00	0.043	-27.36
-53.50	0.047	-26.47
-54.00	0.052	-25.66
-54.50	0.057	-24.85
-55.00	0.062	-24.09
-55.50	0.068	-23.36
-56.00	0.073	-22.68
-56.50	0.079	-22.05
-57.00	0.084	-21.48
-57.50	0.090	-20.92
-58.00	0.095	-20.41
-58.50	0.100	-19.96
-59.00	0.105	-19.54
-59.50	0.110	-19.15
-60.00	0.115	-18.79
-60.50	0.119	-18.51
-61.00	0.122	-18.25
-61.50	0.125	-18.04
-62.00	0.128	-17.85
-62.50	0.131	-17.68
-63.00	0.133	-17.54
-63.50	0.134	-17.46
-64.00	0.135	-17.40
-64.50	0.135	-17.37
-65.00	0.136	-17.36
-65.50	0.135	-17.37
-66.00	0.135	-17.40
-66.50	0.134	-17.47
-67.00	0.133	-17.55
-67.50	0.131	-17.67
-68.00	0.129	-17.80
-68.50	0.126	-17.96
-69.00	0.124	-18.12
-69.50	0.121	-18.32

Angle	Field	dB
-70.00	0.119	-18.53
-70.50	0.116	-18.74
-71.00	0.113	-18.96
-71.50	0.109	-19.22
-72.00	0.106	-19.48
-72.50	0.103	-19.76
-73.00	0.099	-20.05
-73.50	0.096	-20.34
-74.00	0.093	-20.63
-74.50	0.090	-20.96
-75.00	0.086	-21.29
-75.50	0.083	-21.62
-76.00	0.080	-21.94
-76.50	0.077	-22.30
-77.00	0.074	-22.66
-77.50	0.071	-23.02
-78.00	0.068	-23.38
-78.50	0.065	-23.71
-79.00	0.063	-24.04
-79.50	0.060	-24.39
-80.00	0.058	-24.73
-80.50	0.056	-25.09
-81.00	0.053	-25.44
-81.50	0.051	-25.79
-82.00	0.049	-26.13
-82.50	0.048	-26.45
-83.00	0.046	-26.76
-83.50	0.044	-27.07
-84.00	0.043	-27.37
-84.50	0.041	-27.66
-85.00	0.040	-27.93
-85.50	0.039	-28.20
-86.00	0.038	-28.46
-86.50	0.037	-28.70
-87.00	0.036	-28.92
-87.50	0.035	-29.13
-88.00	0.034	-29.32
-88.50	0.034	-29.50
-89.00	0.033	-29.66
-89.50	0.032	-29.82
-90.00	0.032	-29.96

7777 Gardner Road
Chandler, IN 47610-9219
USA

+1 812 925-6000 (tel)
+1 812 925-4030 (fax)
877 ERI-LINE (toll-free)

Sales@eriinc.com
CustomerSupport@eriinc.com
www.eriinc.com