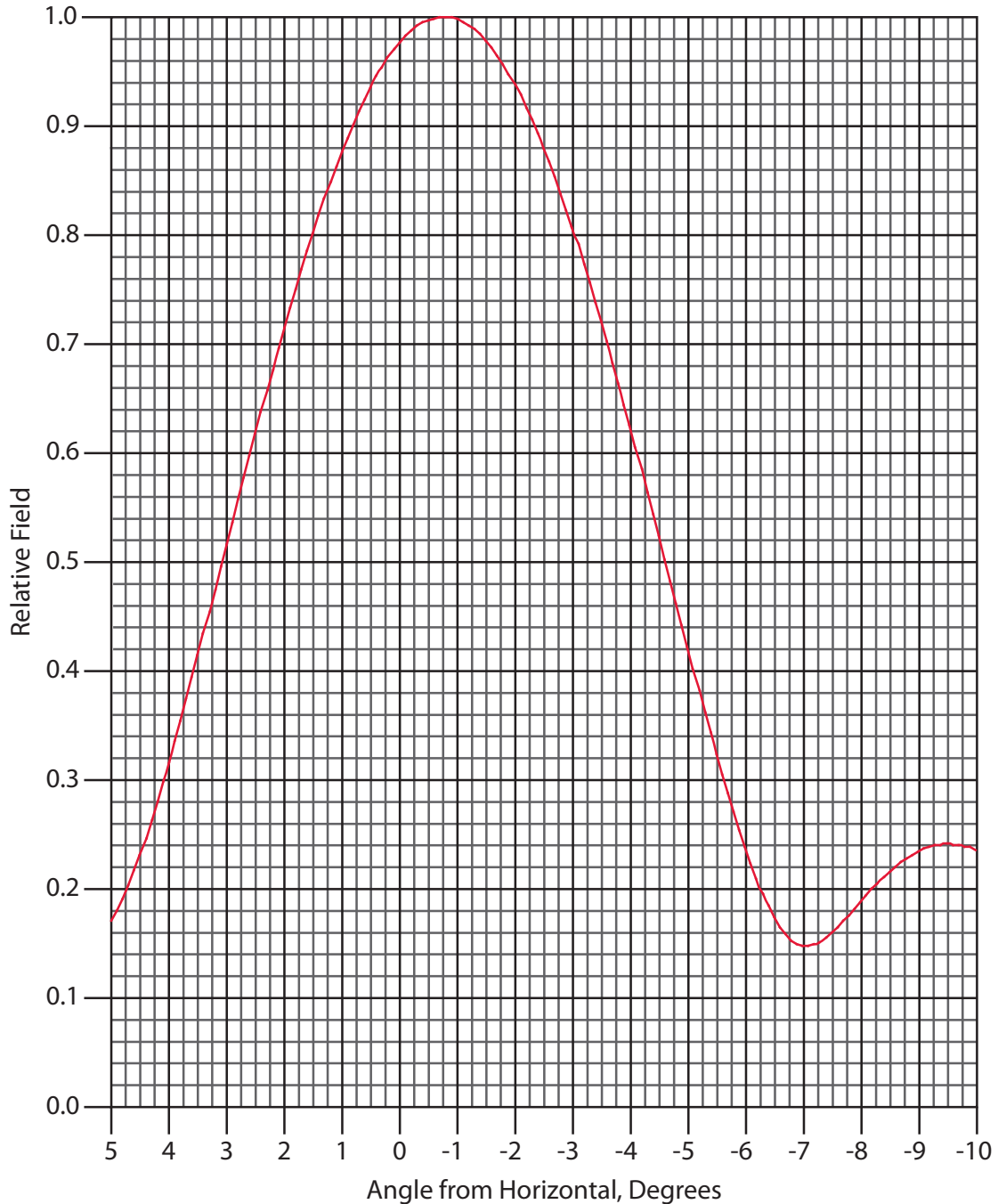


Elevation Pattern

Type:	ESR-10H3	
Directivity	Numeric	<i>dBd</i>
Main Lobe:	10.83	(10.35)
Horizontal:	10.33	(10.14)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



Tabulated Data for Elevation Pattern

Type: ESR-10H3

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

Angle	Field	dB
5.00	0.171	-15.34
4.75	0.201	-13.92
4.50	0.232	-12.71
4.25	0.274	-11.24
4.00	0.317	-9.99
3.75	0.365	-8.74
3.50	0.414	-7.66
3.25	0.465	-6.64
3.00	0.517	-5.74
2.75	0.568	-4.92
2.50	0.619	-4.17
2.25	0.667	-3.52
2.00	0.715	-2.91
1.75	0.758	-2.40
1.50	0.802	-1.92
1.25	0.839	-1.52
1.00	0.877	-1.14
0.75	0.906	-0.86
0.50	0.935	-0.58
0.25	0.956	-0.39
0.00	0.977	-0.21
-0.25	0.987	-0.12
-0.50	0.997	-0.03
-0.75	0.997	-0.02
-1.00	0.998	-0.02
-1.25	0.988	-0.11
-1.50	0.978	-0.20
-1.75	0.958	-0.37
-2.00	0.939	-0.55
-2.25	0.910	-0.82
-2.50	0.881	-1.11
-2.75	0.844	-1.47
-3.00	0.807	-1.86
-3.25	0.764	-2.34
-3.50	0.721	-2.84
-3.75	0.673	-3.44
-4.00	0.625	-4.08
-4.25	0.574	-4.82
-4.50	0.524	-5.62
-4.75	0.473	-6.51
-5.00	0.422	-7.50
-5.25	0.373	-8.57
-5.50	0.324	-9.78
-5.75	0.281	-11.02
-6.00	0.238	-12.46

Angle	Field	dB
-6.25	0.206	-13.71
-6.50	0.174	-15.17
-6.75	0.161	-15.86
-7.00	0.148	-16.60
-7.25	0.154	-16.26
-7.50	0.160	-15.94
-7.75	0.174	-15.19
-8.00	0.188	-14.50
-8.25	0.202	-13.89
-8.50	0.216	-13.32
-8.75	0.225	-12.95
-9.00	0.234	-12.60
-9.25	0.238	-12.47
-9.50	0.241	-12.35
-9.75	0.239	-12.44
-10.00	0.236	-12.53
-10.50	0.220	-13.14
-11.00	0.195	-14.21
-11.50	0.162	-15.82
-12.00	0.124	-18.12
-12.50	0.085	-21.41
-13.00	0.050	-26.10
-13.50	0.034	-29.32
-14.00	0.053	-25.55
-14.50	0.079	-22.03
-15.00	0.102	-19.86
-15.50	0.118	-18.57
-16.00	0.127	-17.94
-16.50	0.128	-17.83
-17.00	0.123	-18.20
-17.50	0.111	-19.07
-18.00	0.095	-20.49
-18.50	0.074	-22.64
-19.00	0.051	-25.89
-19.50	0.027	-31.29
-20.00	0.011	-38.95
-20.50	0.025	-31.95
-21.00	0.044	-27.04
-21.50	0.061	-24.30
-22.00	0.074	-22.66
-22.50	0.082	-21.75
-23.00	0.085	-21.38
-23.50	0.084	-21.49
-24.00	0.079	-22.05
-24.50	0.070	-23.11

Angle	Field	dB
-25.00	0.058	-24.75
-25.50	0.044	-27.22
-26.00	0.028	-31.08
-26.50	0.012	-38.47
-27.00	0.006	-44.72
-27.50	0.020	-34.01
-28.00	0.033	-29.60
-28.50	0.044	-27.10
-29.00	0.053	-25.59
-29.50	0.058	-24.72
-30.00	0.060	-24.36
-30.50	0.060	-24.42
-31.00	0.057	-24.87
-31.50	0.052	-25.75
-32.00	0.044	-27.14
-32.50	0.035	-29.16
-33.00	0.025	-32.18
-33.50	0.014	-37.17
-34.00	0.003	-50.29
-34.50	0.007	-42.75
-35.00	0.017	-35.51
-35.50	0.025	-32.03
-36.00	0.032	-29.95
-36.50	0.037	-28.66
-37.00	0.040	-27.90
-37.50	0.042	-27.58
-38.00	0.042	-27.62
-38.50	0.040	-28.00
-39.00	0.037	-28.74
-39.50	0.032	-29.86
-40.00	0.027	-31.41
-40.50	0.021	-33.61
-41.00	0.015	-36.76
-41.50	0.008	-41.79
-42.00	0.002	-52.71
-42.50	0.005	-46.74
-43.00	0.010	-40.13
-43.50	0.015	-36.77
-44.00	0.018	-34.70
-44.50	0.021	-33.40
-45.00	0.023	-32.59
-45.50	0.025	-32.12
-46.00	0.025	-31.97
-46.50	0.025	-32.11
-47.00	0.024	-32.52

Angle	Field	dB
-47.50	0.022	-33.15
-48.00	0.020	-34.02
-48.50	0.017	-35.25
-49.00	0.014	-36.81
-49.50	0.011	-38.81
-50.00	0.008	-41.52
-50.50	0.005	-45.33
-51.00	0.003	-50.98
-51.50	0.002	-52.44
-52.00	0.004	-46.97
-52.50	0.007	-43.15
-53.00	0.009	-40.62
-53.50	0.011	-38.85
-54.00	0.013	-37.50
-54.50	0.015	-36.44
-55.00	0.016	-35.72
-55.50	0.018	-35.09
-56.00	0.018	-34.72
-56.50	0.019	-34.39
-57.00	0.019	-34.28
-57.50	0.019	-34.26
-58.00	0.019	-34.40
-58.50	0.019	-34.63
-59.00	0.018	-35.09
-59.50	0.017	-35.61
-60.00	0.015	-36.40
-60.50	0.014	-37.38
-61.00	0.012	-38.72
-61.50	0.010	-40.34
-62.00	0.008	-42.29
-62.50	0.006	-44.09
-63.00	0.006	-44.51
-63.50	0.007	-42.75
-64.00	0.010	-40.27
-64.50	0.013	-37.89
-65.00	0.016	-35.91
-65.50	0.019	-34.24
-66.00	0.023	-32.77
-66.50	0.026	-31.56
-67.00	0.030	-30.46
-67.50	0.033	-29.56
-68.00	0.037	-28.73
-68.50	0.040	-28.04
-69.00	0.043	-27.40
-69.50	0.045	-26.89

Angle	Field	dB
-70.00	0.048	-26.44
-70.50	0.050	-26.06
-71.00	0.052	-25.74
-71.50	0.053	-25.47
-72.00	0.054	-25.29
-72.50	0.055	-25.16
-73.00	0.056	-25.07
-73.50	0.056	-25.01
-74.00	0.056	-24.99
-74.50	0.056	-25.01
-75.00	0.056	-25.05
-75.50	0.055	-25.12
-76.00	0.055	-25.26
-76.50	0.054	-25.38
-77.00	0.053	-25.55
-77.50	0.052	-25.75
-78.00	0.050	-25.95
-78.50	0.049	-26.17
-79.00	0.048	-26.39
-79.50	0.047	-26.62
-80.00	0.045	-26.84
-80.50	0.044	-27.06
-81.00	0.043	-27.30
-81.50	0.042	-27.50
-82.00	0.041	-27.72
-82.50	0.040	-27.87
-83.00	0.040	-28.05
-83.50	0.039	-28.16
-84.00	0.039	-28.29
-84.50	0.038	-28.39
-85.00	0.038	-28.47
-85.50	0.038	-28.50
-86.00	0.037	-28.55
-86.50	0.037	-28.58
-87.00	0.037	-28.60
-87.50	0.037	-28.61
-88.00	0.037	-28.61
-88.50	0.037	-28.62
-89.00	0.037	-28.62
-89.50	0.037	-28.61
-90.00	0.037	-28.61

