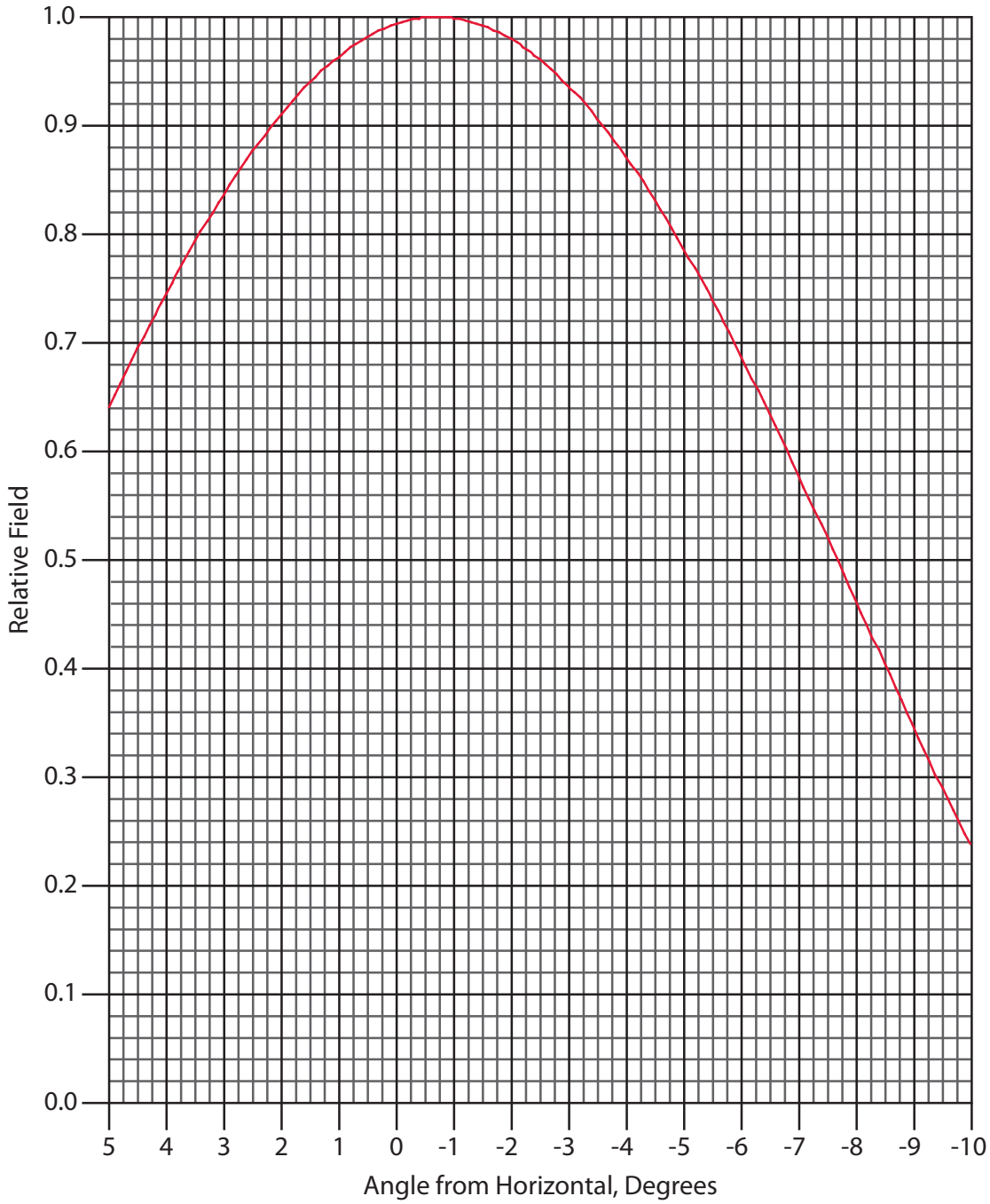
Elevation Pattern

Type:	ETH-540-6H3	
Directivity	*Numeric*	*dBd*
Main Lobe:	5.49	(7.40)
Horizontal:	5.42	(7.34)
Beam Tilt	-0.75 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ETH-540-6H3

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

Angle	Field	dB
5.00	0.641	-3.86
4.75	0.668	-3.50
4.50	0.695	-3.16
4.25	0.720	-2.85
4.00	0.746	-2.55
3.75	0.770	-2.27
3.50	0.793	-2.01
3.25	0.815	-1.77
3.00	0.837	-1.54
2.75	0.857	-1.34
2.50	0.876	-1.15
2.25	0.894	-0.98
2.00	0.911	-0.81
1.75	0.925	-0.67
1.50	0.940	-0.54
1.25	0.952	-0.43
1.00	0.964	-0.32
0.75	0.973	-0.24
0.50	0.982	-0.16
0.25	0.988	-0.11
0.00	0.994	-0.06
-0.25	0.997	-0.03
-0.50	0.999	-0.01
-0.75	0.999	-0.01
-1.00	0.999	-0.01
-1.25	0.996	-0.04
-1.50	0.992	-0.07
-1.75	0.986	-0.12
-2.00	0.980	-0.18
-2.25	0.970	-0.26
-2.50	0.961	-0.34
-2.75	0.949	-0.46
-3.00	0.937	-0.57
-3.25	0.922	-0.71
-3.50	0.907	-0.85
-3.75	0.889	-1.02
-4.00	0.872	-1.19
-4.25	0.852	-1.39
-4.50	0.832	-1.60
-4.75	0.810	-1.83
-5.00	0.788	-2.07
-5.25	0.764	-2.34
-5.50	0.740	-2.61
-5.75	0.714	-2.92
-6.00	0.689	-3.24

Angle	Field	dB
-6.25	0.662	-3.58
-6.50	0.635	-3.94
-6.75	0.607	-4.33
-7.00	0.579	-4.74
-7.25	0.550	-5.19
-7.50	0.522	-5.65
-7.75	0.493	-6.15
-8.00	0.464	-6.68
-8.25	0.434	-7.24
-8.50	0.405	-7.84
-8.75	0.377	-8.48
-9.00	0.348	-9.17
-9.25	0.320	-9.91
-9.50	0.292	-10.70
-9.75	0.265	-11.54
-10.00	0.238	-12.46
-10.50	0.189	-14.49
-11.00	0.145	-16.75
-11.50	0.113	-18.94
-12.00	0.098	-20.20
-12.50	0.103	-19.75
-13.00	0.122	-18.27
-13.50	0.146	-16.69
-14.00	0.171	-15.33
-14.50	0.194	-14.25
-15.00	0.213	-13.41
-15.50	0.229	-12.80
-16.00	0.241	-12.36
-16.50	0.248	-12.09
-17.00	0.252	-11.98
-17.50	0.251	-12.00
-18.00	0.247	-12.15
-18.50	0.239	-12.44
-19.00	0.227	-12.87
-19.50	0.213	-13.44
-20.00	0.196	-14.17
-20.50	0.176	-15.09
-21.00	0.155	-16.22
-21.50	0.132	-17.62
-22.00	0.107	-19.38
-22.50	0.083	-21.65
-23.00	0.058	-24.72
-23.50	0.035	-29.14
-24.00	0.020	-34.15
-24.50	0.028	-30.94

Angle	Field	dB
-25.00	0.048	-26.29
-25.50	0.070	-23.15
-26.00	0.090	-20.94
-26.50	0.108	-19.31
-27.00	0.125	-18.06
-27.50	0.140	-17.10
-28.00	0.152	-16.36
-28.50	0.162	-15.81
-29.00	0.169	-15.42
-29.50	0.174	-15.17
-30.00	0.177	-15.05
-30.50	0.177	-15.05
-31.00	0.174	-15.17
-31.50	0.170	-15.40
-32.00	0.163	-15.77
-32.50	0.154	-16.26
-33.00	0.143	-16.90
-33.50	0.130	-17.70
-34.00	0.116	-18.70
-34.50	0.101	-19.94
-35.00	0.084	-21.50
-35.50	0.067	-23.53
-36.00	0.048	-26.29
-36.50	0.030	-30.48
-37.00	0.011	-39.06
-37.50	0.008	-42.33
-38.00	0.026	-31.62
-38.50	0.044	-27.05
-39.00	0.062	-24.16
-39.50	0.079	-22.07
-40.00	0.095	-20.48
-40.50	0.109	-19.22
-41.00	0.123	-18.21
-41.50	0.135	-17.38
-42.00	0.146	-16.72
-42.50	0.155	-16.18
-43.00	0.163	-15.76
-43.50	0.169	-15.45
-44.00	0.173	-15.22
-44.50	0.176	-15.09
-45.00	0.177	-15.03
-45.50	0.177	-15.06
-46.00	0.174	-15.17
-46.50	0.171	-15.35
-47.00	0.166	-15.62

Angle	Field	dB
-47.50	0.159	-15.98
-48.00	0.151	-16.43
-48.50	0.142	-16.98
-49.00	0.131	-17.64
-49.50	0.120	-18.43
-50.00	0.107	-19.37
-50.50	0.094	-20.51
-51.00	0.081	-21.88
-51.50	0.066	-23.58
-52.00	0.052	-25.71
-52.50	0.038	-28.48
-53.00	0.025	-31.95
-53.50	0.019	-34.31
-54.00	0.025	-32.01
-54.50	0.038	-28.49
-55.00	0.052	-25.66
-55.50	0.067	-23.45
-56.00	0.082	-21.69
-56.50	0.097	-20.25
-57.00	0.112	-19.04
-57.50	0.126	-18.01
-58.00	0.139	-17.12
-58.50	0.152	-16.35
-59.00	0.164	-15.68
-59.50	0.176	-15.09
-60.00	0.187	-14.58
-60.50	0.197	-14.12
-61.00	0.206	-13.73
-61.50	0.214	-13.38
-62.00	0.222	-13.08
-62.50	0.228	-12.83
-63.00	0.234	-12.61
-63.50	0.239	-12.43
-64.00	0.243	-12.28
-64.50	0.247	-12.16
-65.00	0.249	-12.07
-65.50	0.251	-12.01
-66.00	0.252	-11.98
-66.50	0.252	-11.97
-67.00	0.252	-11.98
-67.50	0.251	-12.02
-68.00	0.249	-12.08
-68.50	0.247	-12.16
-69.00	0.244	-12.26
-69.50	0.240	-12.38

Angle	Field	dB
-70.00	0.237	-12.52
-70.50	0.232	-12.68
-71.00	0.228	-12.85
-71.50	0.223	-13.04
-72.00	0.218	-13.25
-72.50	0.212	-13.47
-73.00	0.206	-13.71
-73.50	0.200	-13.96
-74.00	0.195	-14.22
-74.50	0.188	-14.50
-75.00	0.182	-14.78
-75.50	0.176	-15.08
-76.00	0.170	-15.38
-76.50	0.164	-15.69
-77.00	0.158	-16.00
-77.50	0.153	-16.32
-78.00	0.147	-16.64
-78.50	0.142	-16.95
-79.00	0.137	-17.27
-79.50	0.132	-17.57
-80.00	0.128	-17.87
-80.50	0.124	-18.15
-81.00	0.120	-18.42
-81.50	0.117	-18.67
-82.00	0.113	-18.90
-82.50	0.111	-19.12
-83.00	0.108	-19.31
-83.50	0.106	-19.48
-84.00	0.104	-19.62
-84.50	0.103	-19.75
-85.00	0.102	-19.85
-85.50	0.101	-19.94
-86.00	0.100	-20.01
-86.50	0.099	-20.06
-87.00	0.099	-20.11
-87.50	0.098	-20.14
-88.00	0.098	-20.16
-88.50	0.098	-20.18
-89.00	0.098	-20.19
-89.50	0.098	-20.19
-90.00	0.098	-20.20

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