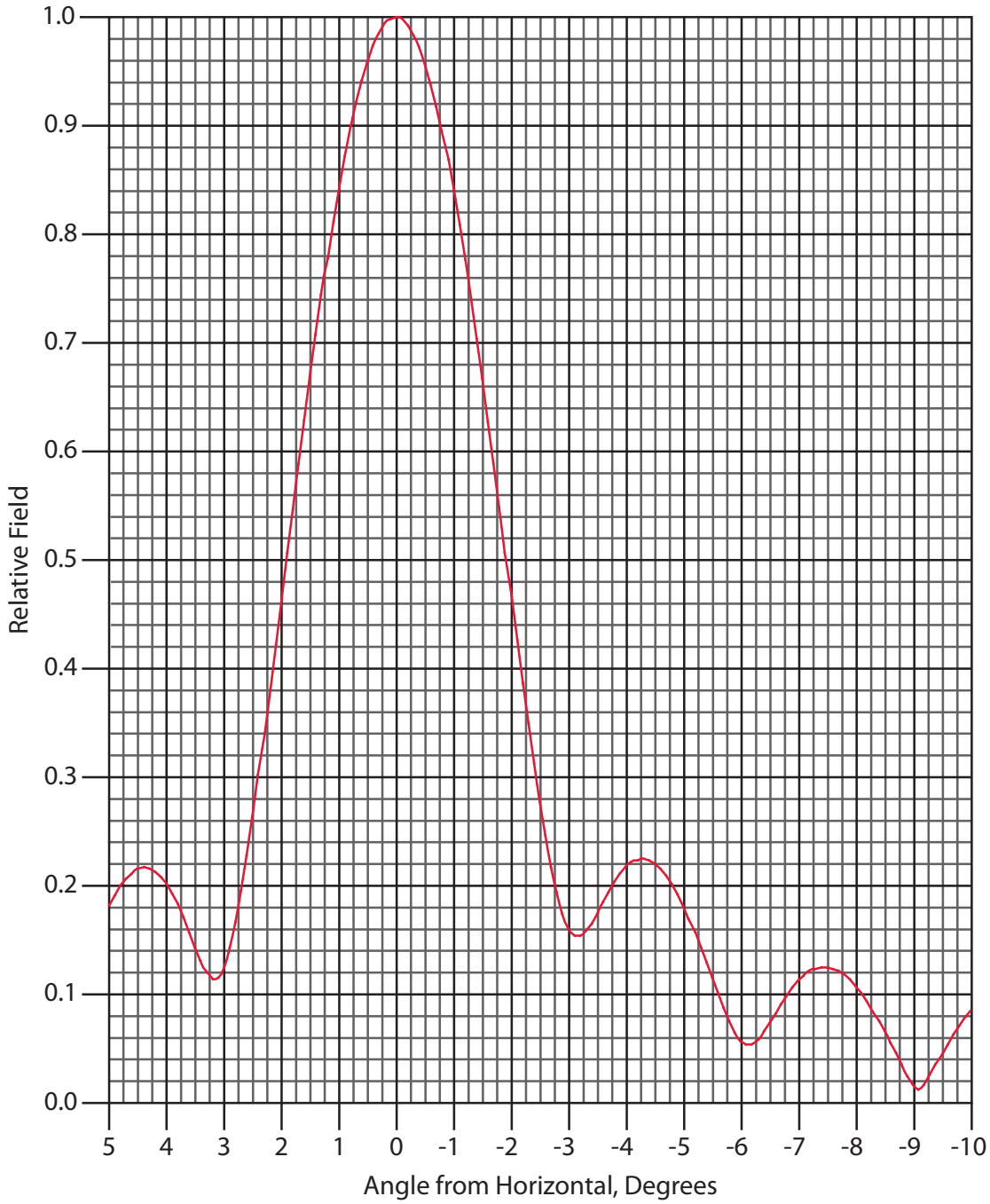
Elevation Pattern

Type:	ESR-8U0	
Directivity	*Numeric*	*dBd*
Main Lobe:	20.40	(13.10)
Horizontal:	20.40	(13.10)
Beam Tilt	0.00 °	
Polarization:	Horizontal	
Frequency:		
Location:		



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Tabulated Data for Elevation Pattern

Type: ESR-8U0

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

Angle	Field	dB
5.00	0.181	-14.83
4.75	0.203	-13.83
4.50	0.215	-13.35
4.25	0.215	-13.35
4.00	0.202	-13.89
3.75	0.177	-15.05
3.50	0.144	-16.84
3.25	0.117	-18.64
3.00	0.125	-18.05
2.75	0.180	-14.87
2.50	0.264	-11.58
2.25	0.361	-8.85
2.00	0.465	-6.66
1.75	0.568	-4.91
1.50	0.669	-3.50
1.25	0.762	-2.37
1.00	0.843	-1.48
0.75	0.910	-0.82
0.50	0.959	-0.36
0.25	0.990	-0.09
0.00	1.000	0.00
-0.25	0.988	-0.10
-0.50	0.957	-0.38
-0.75	0.907	-0.85
-1.00	0.840	-1.51
-1.25	0.759	-2.40
-1.50	0.667	-3.52
-1.75	0.568	-4.91
-2.00	0.467	-6.61
-2.25	0.368	-8.68
-2.50	0.278	-11.12
-2.75	0.205	-13.77
-3.00	0.162	-15.83
-3.25	0.155	-16.17
-3.50	0.174	-15.17
-3.75	0.199	-14.04
-4.00	0.217	-13.27
-4.25	0.225	-12.97
-4.50	0.221	-13.13
-4.75	0.206	-13.73
-5.00	0.182	-14.81
-5.25	0.151	-16.44
-5.50	0.116	-18.72
-5.75	0.082	-21.73
-6.00	0.058	-24.78

Angle	Field	dB
-6.25	0.056	-25.02
-6.50	0.074	-22.64
-6.75	0.095	-20.45
-7.00	0.112	-19.00
-7.25	0.123	-18.24
-7.50	0.125	-18.05
-7.75	0.120	-18.41
-8.00	0.108	-19.35
-8.25	0.089	-20.97
-8.50	0.066	-23.56
-8.75	0.041	-27.85
-9.00	0.016	-35.81
-9.25	0.022	-33.35
-9.50	0.045	-26.89
-9.75	0.067	-23.46
-10.00	0.085	-21.44
-10.50	0.103	-19.71
-11.00	0.098	-20.20
-11.50	0.071	-23.03
-12.00	0.031	-30.14
-12.50	0.026	-31.63
-13.00	0.062	-24.09
-13.50	0.088	-21.11
-14.00	0.095	-20.42
-14.50	0.083	-21.61
-15.00	0.057	-24.83
-15.50	0.032	-29.77
-16.00	0.040	-28.01
-16.50	0.064	-23.94
-17.00	0.079	-22.04
-17.50	0.081	-21.81
-18.00	0.070	-23.12
-18.50	0.050	-26.05
-19.00	0.033	-29.66
-19.50	0.037	-28.53
-20.00	0.054	-25.42
-20.50	0.065	-23.79
-21.00	0.066	-23.61
-21.50	0.059	-24.54
-22.00	0.046	-26.74
-22.50	0.034	-29.43
-23.00	0.033	-29.59
-23.50	0.047	-26.58
-24.00	0.064	-23.94
-24.50	0.081	-21.88

Angle	Field	dB
-25.00	0.093	-20.63
-25.50	0.104	-19.65
-26.00	0.109	-19.23
-26.50	0.111	-19.12
-27.00	0.106	-19.47
-27.50	0.100	-20.04
-28.00	0.090	-20.90
-28.50	0.080	-21.89
-29.00	0.072	-22.90
-29.50	0.063	-23.99
-30.00	0.054	-25.32
-30.50	0.043	-27.28
-31.00	0.030	-30.52
-31.50	0.016	-35.99
-32.00	0.015	-36.63
-32.50	0.028	-31.20
-33.00	0.040	-28.04
-33.50	0.047	-26.58
-34.00	0.048	-26.38
-34.50	0.042	-27.46
-35.00	0.032	-30.03
-35.50	0.018	-34.98
-36.00	0.011	-38.87
-36.50	0.023	-32.95
-37.00	0.035	-29.09
-37.50	0.044	-27.20
-38.00	0.047	-26.57
-38.50	0.045	-27.02
-39.00	0.038	-28.47
-39.50	0.028	-30.97
-40.00	0.020	-33.87
-40.50	0.020	-33.95
-41.00	0.027	-31.34
-41.50	0.035	-29.24
-42.00	0.039	-28.11
-42.50	0.040	-27.88
-43.00	0.038	-28.45
-43.50	0.032	-29.81
-44.00	0.025	-31.90
-44.50	0.019	-34.22
-45.00	0.018	-35.11
-45.50	0.020	-33.80
-46.00	0.025	-32.10
-46.50	0.028	-30.92
-47.00	0.030	-30.44

Angle	Field	dB
-47.50	0.029	-30.65
-48.00	0.027	-31.51
-48.50	0.023	-32.88
-49.00	0.018	-34.83
-49.50	0.014	-36.89
-50.00	0.013	-37.87
-50.50	0.015	-36.75
-51.00	0.018	-34.92
-51.50	0.022	-33.29
-52.00	0.025	-32.19
-52.50	0.027	-31.47
-53.00	0.027	-31.24
-53.50	0.027	-31.38
-54.00	0.025	-31.98
-54.50	0.022	-32.96
-55.00	0.019	-34.28
-55.50	0.017	-35.33
-56.00	0.018	-35.01
-56.50	0.022	-33.13
-57.00	0.029	-30.78
-57.50	0.037	-28.63
-58.00	0.046	-26.82
-58.50	0.054	-25.36
-59.00	0.062	-24.18
-59.50	0.069	-23.20
-60.00	0.076	-22.40
-60.50	0.081	-21.79
-61.00	0.086	-21.29
-61.50	0.090	-20.88
-62.00	0.094	-20.54
-62.50	0.097	-20.25
-63.00	0.100	-20.00
-63.50	0.102	-19.83
-64.00	0.104	-19.69
-64.50	0.105	-19.61
-65.00	0.105	-19.58
-65.50	0.104	-19.62
-66.00	0.103	-19.73
-66.50	0.101	-19.93
-67.00	0.098	-20.21
-67.50	0.093	-20.61
-68.00	0.088	-21.10
-68.50	0.082	-21.72
-69.00	0.075	-22.45
-69.50	0.068	-23.34

Angle	Field	dB
-70.00	0.060	-24.39
-70.50	0.052	-25.62
-71.00	0.044	-27.08
-71.50	0.036	-28.85
-72.00	0.028	-31.03
-72.50	0.020	-33.84
-73.00	0.013	-37.72
-73.50	0.006	-43.94
-74.00	0.003	-50.54
-74.50	0.007	-42.64
-75.00	0.013	-38.04
-75.50	0.017	-35.26
-76.00	0.021	-33.38
-76.50	0.025	-32.04
-77.00	0.028	-31.05
-77.50	0.031	-30.31
-78.00	0.032	-29.77
-78.50	0.034	-29.33
-79.00	0.035	-29.01
-79.50	0.036	-28.81
-80.00	0.037	-28.69
-80.50	0.037	-28.65
-81.00	0.037	-28.67
-81.50	0.037	-28.73
-82.00	0.036	-28.83
-82.50	0.036	-28.96
-83.00	0.035	-29.11
-83.50	0.034	-29.29
-84.00	0.034	-29.49
-84.50	0.033	-29.69
-85.00	0.032	-29.90
-85.50	0.031	-30.12
-86.00	0.030	-30.34
-86.50	0.030	-30.55
-87.00	0.029	-30.75
-87.50	0.028	-30.95
-88.00	0.028	-31.13
-88.50	0.027	-31.31
-89.00	0.027	-31.47
-89.50	0.026	-31.63
-90.00	0.026	-31.77

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