

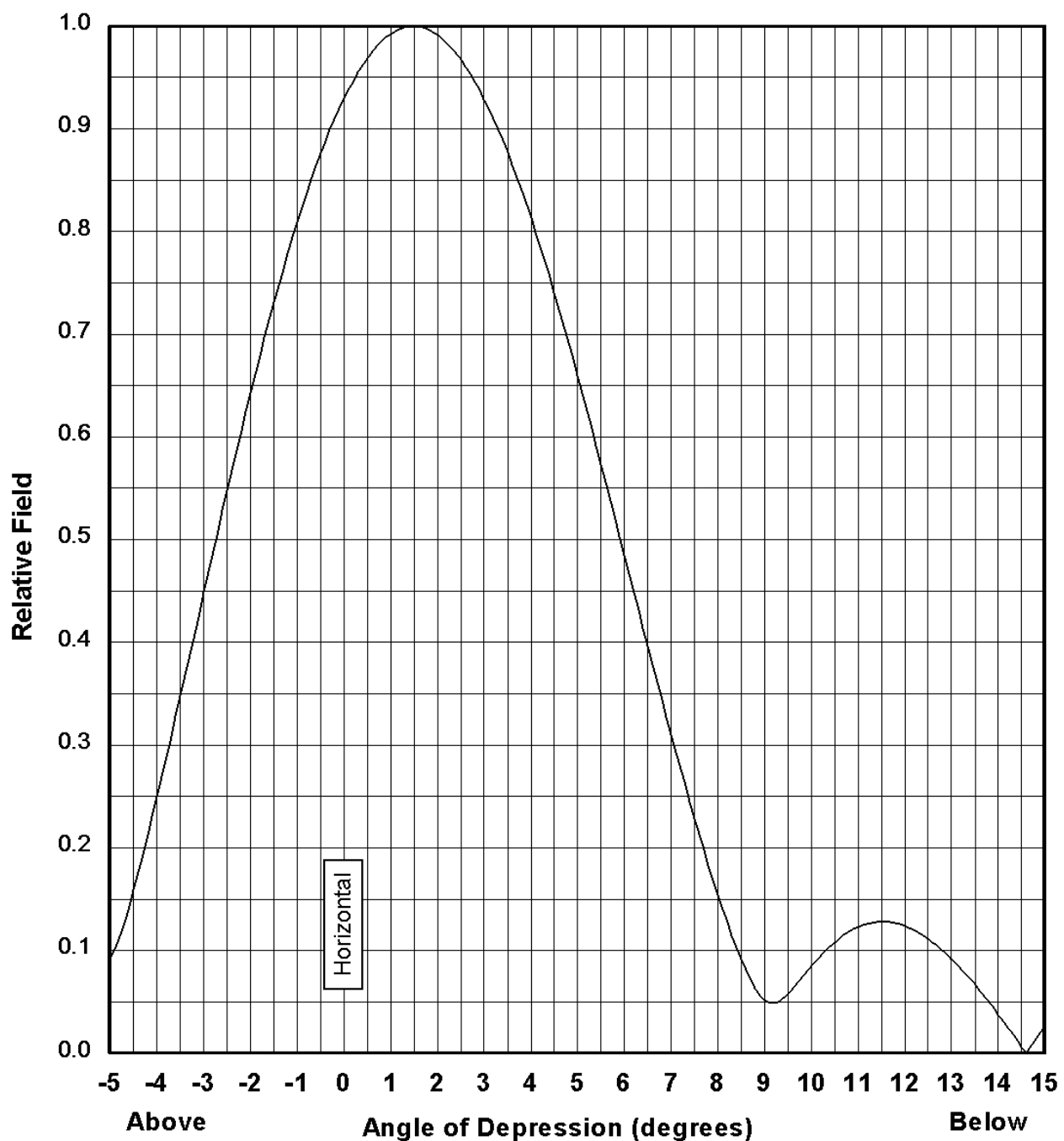
Elevation Pattern
Model: RD8

RADIO FREQUENCY SYSTEMS



Beam Tilt: 1.5 degrees
Null Fill: 5%

Directivity: 9.38 (9.72 dBd)
Polarization: Horizontal



Elevation Pattern Tabulated Data

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RADIO FREQUENCY SYSTEMS

Beam Tilt: 1.5 degrees
Null Fill: 5%Directivity: 9.38 (9.72 dBd)
Polarization: Horizontal

Angle	Relative Field	dB	Angle	Relative Field	dB	Angle	Relative Field	dB	Angle	Relative Field	dB
-5.0	0.09	-20.75	7.2	0.28	-11.16	33.5	0.11	-19.03	64.0	0.01	-39.83
-4.8	0.11	-18.91	7.4	0.24	-12.25	34.0	0.11	-18.79	64.5	0.01	-41.62
-4.6	0.14	-16.92	7.6	0.21	-13.44	34.5	0.12	-18.77	65.0	0.01	-42.73
-4.4	0.18	-15.10	7.8	0.18	-14.76	35.0	0.11	-18.95	65.5	0.01	-42.27
-4.2	0.21	-13.48	8.0	0.15	-16.23	35.5	0.11	-19.33	66.0	0.01	-40.72
-4.0	0.25	-12.06	8.2	0.13	-17.89	36.0	0.10	-19.90	66.5	0.01	-39.17
-3.8	0.29	-10.80	8.4	0.10	-19.75	36.5	0.09	-20.70	67.0	0.01	-37.79
-3.6	0.33	-9.68	8.6	0.08	-21.82	37.0	0.08	-21.71	67.5	0.01	-36.77
-3.4	0.37	-8.68	8.8	0.06	-23.96	37.5	0.07	-22.97	68.0	0.02	-36.14
-3.2	0.41	-7.78	9.0	0.05	-25.70	38.0	0.06	-24.52	68.5	0.02	-35.76
-3.0	0.45	-6.96	9.2	0.05	-26.25	38.5	0.05	-26.41	69.0	0.02	-35.76
-2.8	0.49	-6.22	9.4	0.05	-25.45	39.0	0.04	-28.73	69.5	0.02	-36.03
-2.6	0.53	-5.54	9.6	0.06	-24.04	39.5	0.03	-31.60	70.0	0.01	-36.71
-2.4	0.57	-4.92	9.8	0.07	-22.64	40.0	0.02	-35.19	70.5	0.01	-37.79
-2.2	0.61	-4.36	10.0	0.08	-21.43	40.5	0.01	-39.66	71.0	0.01	-39.58
-2.0	0.64	-3.84	10.5	0.11	-19.31	41.0	0.01	-44.01	71.5	0.01	-42.27
-1.8	0.68	-3.36	11.0	0.12	-18.21	41.5	0.01	-44.58	72.0	0.00	-47.33
-1.6	0.71	-2.93	11.5	0.13	-17.86	42.0	0.01	-43.48	72.5	0.00	-64.44
-1.4	0.75	-2.53	12.0	0.12	-18.14	42.5	0.01	-44.01	73.0	0.00	-49.12
-1.2	0.78	-2.17	12.5	0.11	-19.05	43.0	0.00	-47.13	73.5	0.01	-42.16
-1.0	0.81	-1.84	13.0	0.09	-20.71	43.5	0.00	-61.94	74.0	0.01	-38.20
-0.8	0.84	-1.54	13.5	0.07	-23.48	44.0	0.00	-47.13	74.5	0.02	-35.44
-0.6	0.86	-1.27	14.0	0.04	-28.45	44.5	0.01	-39.17	75.0	0.02	-33.39
-0.4	0.89	-1.03	14.5	0.01	-44.15	45.0	0.02	-34.56	75.5	0.03	-31.73
-0.2	0.91	-0.82	15.0	0.03	-31.57	45.5	0.03	-31.31	76.0	0.03	-30.43
0.0	0.93	-0.63	15.5	0.06	-24.67	46.0	0.04	-28.83	76.5	0.03	-29.34
0.2	0.95	-0.47	16.0	0.09	-21.07	46.5	0.05	-26.88	77.0	0.04	-28.47
0.4	0.96	-0.33	16.5	0.12	-18.77	47.0	0.05	-25.29	77.5	0.04	-27.77
0.6	0.97	-0.22	17.0	0.14	-17.22	47.5	0.06	-24.01	78.0	0.04	-27.19
0.8	0.98	-0.13	17.5	0.16	-16.16	48.0	0.07	-22.99	78.5	0.05	-26.76
1.0	0.99	-0.07	18.0	0.17	-15.50	48.5	0.08	-22.18	79.0	0.05	-26.47
1.2	1.00	0.00	18.5	0.17	-15.16	49.0	0.08	-21.57	79.5	0.05	-26.27
1.4	1.00	0.00	19.0	0.18	-15.11	49.5	0.09	-21.12	80.0	0.05	-26.20
1.6	1.00	0.00	19.5	0.17	-15.33	50.0	0.09	-20.83	80.5	0.05	-26.23
1.8	1.00	0.00	20.0	0.16	-15.82	50.5	0.09	-20.70	81.0	0.05	-26.39
2.0	0.99	-0.07	20.5	0.15	-16.58	51.0	0.09	-20.71	81.5	0.05	-26.65
2.2	0.98	-0.14	21.0	0.13	-17.65	51.5	0.09	-20.86	82.0	0.04	-27.05
2.4	0.97	-0.23	21.5	0.11	-19.06	52.0	0.09	-21.15	82.5	0.04	-27.58
2.6	0.96	-0.34	22.0	0.09	-20.90	52.5	0.08	-21.60	83.0	0.04	-28.27
2.8	0.95	-0.48	22.5	0.07	-23.30	53.0	0.08	-22.19	83.5	0.04	-29.12
3.0	0.93	-0.64	23.0	0.05	-26.47	53.5	0.07	-22.95	84.0	0.03	-30.20
3.2	0.91	-0.82	23.5	0.03	-30.72	54.0	0.06	-23.90	84.5	0.03	-31.54
3.4	0.89	-1.03	24.0	0.02	-34.89	54.5	0.06	-25.05	85.0	0.02	-33.27
3.6	0.87	-1.26	24.5	0.02	-33.51	55.0	0.05	-26.47	85.5	0.02	-35.55
3.8	0.84	-1.51	25.0	0.03	-30.37	55.5	0.04	-28.18	86.0	0.01	-38.86
4.0	0.81	-1.79	25.5	0.04	-28.31	56.0	0.03	-30.29	86.5	0.01	-44.29
4.2	0.79	-2.10	26.0	0.04	-27.27	56.5	0.02	-33.00	87.0	0.00	-63.10
4.4	0.76	-2.44	26.5	0.04	-27.01	57.0	0.01	-36.71	87.5	0.00	-46.74
4.6	0.72	-2.80	27.0	0.04	-27.47	57.5	0.01	-42.62	88.0	0.01	-40.09
4.8	0.69	-3.19	27.5	0.04	-28.73	58.0	0.00	-60.00	88.5	0.01	-36.54
5.0	0.66	-3.62	28.0	0.03	-31.15	58.5	0.00	-46.56	89.0	0.02	-34.07
5.2	0.63	-4.08	28.5	0.02	-35.81	59.0	0.01	-40.54	89.5	0.02	-32.25
5.4	0.59	-4.57	29.0	0.00	-51.70	59.5	0.01	-37.59	90.0	0.03	-30.87
5.6	0.56	-5.10	29.5	0.01	-38.13	60.0	0.02	-35.97			
5.8	0.52	-5.67	30.0	0.03	-30.96	60.5	0.02	-34.99			
6.0	0.48	-6.29	30.5	0.04	-27.07	61.0	0.02	-34.61			
6.2	0.45	-6.95	31.0	0.06	-24.47	61.5	0.02	-34.56			
6.4	0.41	-7.66	31.5	0.07	-22.59	62.0	0.02	-34.94			
6.6	0.38	-8.43	32.0	0.09	-21.21	62.5	0.02	-35.60			
6.8	0.34	-9.27	32.5	0.10	-20.20	63.0	0.01	-36.65			
7.0	0.31	-10.18	33.0	0.11	-19.49	63.5	0.01	-38.06			