

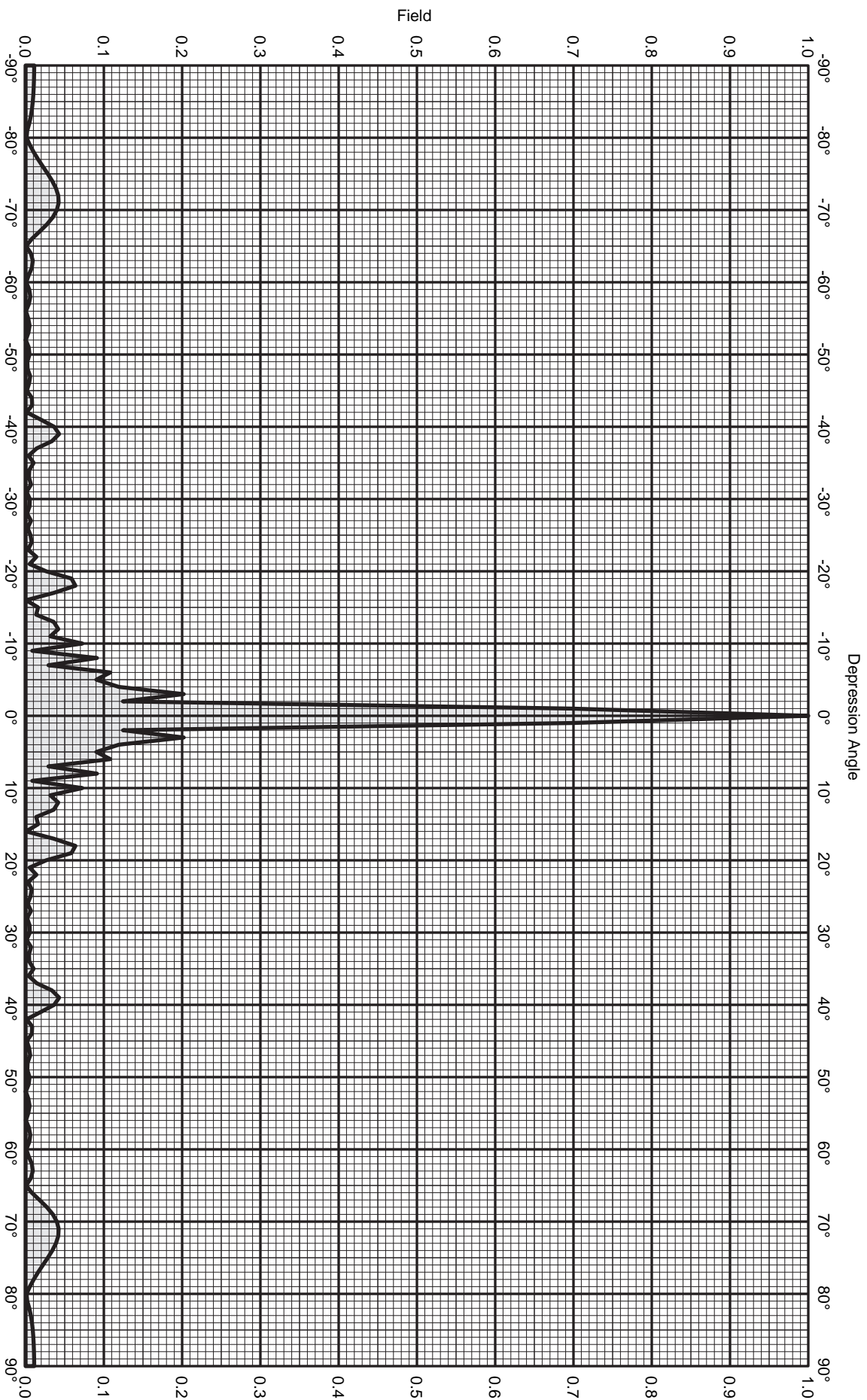
16xPRTV-21/50/HV Paraflector array
 8 antennas skewed 0 degrees w/ 50% PWR
 8 antennas skewed 145 degrees w/50% PWR
 Vertically stacked @ 73 CTC
 Max gain: 20.0 dBd
 Power-X: 100
 Horizontal Polarization
 Horizontal Plane Pattern



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	20.00	100.00	180	0.140	-17.07	2.93	1.96
10	0.818	-1.74	18.26	66.99	190	0.093	-20.61	-0.61	0.87
20	0.457	-6.79	13.21	20.93	200	0.080	-21.92	-1.92	0.64
30	0.205	-13.78	6.22	4.19	210	0.078	-22.11	-2.11	0.62
40	0.130	-17.69	2.31	1.70	220	0.084	-21.50	-1.50	0.71
50	0.103	-19.75	0.25	1.06	230	0.085	-21.40	-1.40	0.72
60	0.097	-20.28	-0.28	0.94	240	0.090	-20.94	-0.94	0.81
70	0.095	-20.44	-0.44	0.90	250	0.088	-21.12	-1.12	0.77
80	0.096	-20.34	-0.34	0.92	260	0.089	-21.01	-1.01	0.79
90	0.099	-20.13	-0.13	0.97	270	0.088	-21.14	-1.14	0.77
100	0.112	-19.05	0.95	1.24	280	0.085	-21.41	-1.41	0.72
110	0.160	-15.89	4.11	2.57	290	0.081	-21.81	-1.81	0.66
120	0.305	-10.31	9.69	9.32	300	0.079	-22.08	-2.08	0.62
130	0.638	-3.90	16.10	40.73	310	0.083	-21.57	-1.57	0.70
140	0.948	-0.47	19.53	89.80	320	0.111	-19.08	0.92	1.24
150	0.940	-0.54	19.46	88.38	330	0.184	-14.72	5.28	3.37
160	0.627	-4.06	15.94	39.27	340	0.442	-7.10	12.90	19.51
170	0.286	-10.86	9.14	8.21	350	0.808	-1.85	18.15	65.35



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
-90	0.011	-39.13	-19.13	0.01	-45	0.010	-40.00	-20.00	0.01
-89	0.011	-39.23	-19.23	0.01	-44	0.010	-40.00	-20.00	0.01
-88	0.011	-39.40	-19.40	0.01	-43	0.010	-40.00	-20.00	0.01
-87	0.010	-39.66	-19.66	0.01	-42	0.010	-40.00	-20.00	0.01
-86	0.010	-40.00	-20.00	0.01	-41	0.019	-34.30	-14.30	0.04
-85	0.010	-40.00	-20.00	0.01	-40	0.037	-28.74	-8.74	0.13
-84	0.010	-40.00	-20.00	0.01	-39	0.043	-27.36	-7.36	0.18
-83	0.010	-40.00	-20.00	0.01	-38	0.034	-29.46	-9.46	0.11
-82	0.010	-40.00	-20.00	0.01	-37	0.014	-37.03	-17.03	0.02
-81	0.010	-40.00	-20.00	0.01	-36	0.010	-40.00	-20.00	0.01
-80	0.010	-40.00	-20.00	0.01	-35	0.010	-39.76	-19.76	0.01
-79	0.010	-40.00	-20.00	0.01	-34	0.010	-40.00	-20.00	0.01
-78	0.010	-39.65	-19.65	0.01	-33	0.010	-40.00	-20.00	0.01
-77	0.016	-35.88	-15.88	0.03	-32	0.010	-40.00	-20.00	0.01
-76	0.022	-33.08	-13.08	0.05	-31	0.010	-40.00	-20.00	0.01
-75	0.028	-30.93	-10.93	0.08	-30	0.010	-40.00	-20.00	0.01
-74	0.034	-29.33	-9.33	0.12	-29	0.010	-40.00	-20.00	0.01
-73	0.039	-28.22	-8.22	0.15	-28	0.010	-40.00	-20.00	0.01
-72	0.042	-27.59	-7.59	0.17	-27	0.010	-40.00	-20.00	0.01
-71	0.042	-27.48	-7.48	0.18	-26	0.010	-40.00	-20.00	0.01
-70	0.040	-27.97	-7.97	0.16	-25	0.010	-40.00	-20.00	0.01
-69	0.035	-29.15	-9.15	0.12	-24	0.010	-40.00	-20.00	0.01
-68	0.027	-31.32	-11.32	0.07	-23	0.010	-40.00	-20.00	0.01
-67	0.018	-35.01	-15.01	0.03	-22	0.014	-37.20	-17.20	0.02
-66	0.010	-40.00	-20.00	0.01	-21	0.010	-40.00	-20.00	0.01
-65	0.010	-40.00	-20.00	0.01	-20	0.026	-31.62	-11.62	0.07
-64	0.010	-40.00	-20.00	0.01	-19	0.059	-24.64	-4.64	0.34
-63	0.010	-40.00	-20.00	0.01	-18	0.064	-23.92	-3.92	0.41
-62	0.010	-40.00	-20.00	0.01	-17	0.036	-28.93	-8.93	0.13
-61	0.010	-40.00	-20.00	0.01	-16	0.010	-40.00	-20.00	0.01
-60	0.010	-40.00	-20.00	0.01	-15	0.016	-35.90	-15.90	0.03
-59	0.010	-40.00	-20.00	0.01	-14	0.014	-37.36	-17.36	0.02
-58	0.010	-40.00	-20.00	0.01	-13	0.036	-28.88	-8.88	0.13
-57	0.010	-40.00	-20.00	0.01	-12	0.042	-27.59	-7.59	0.17
-56	0.010	-40.00	-20.00	0.01	-11	0.032	-30.00	-10.00	0.10
-55	0.010	-40.00	-20.00	0.01	-10	0.073	-22.79	-2.79	0.53
-54	0.010	-40.00	-20.00	0.01	-9	0.010	-40.00	-20.00	0.01
-53	0.010	-40.00	-20.00	0.01	-8	0.091	-20.80	-0.80	0.83
-52	0.010	-40.00	-20.00	0.01	-7	0.029	-30.68	-10.68	0.09
-51	0.010	-40.00	-20.00	0.01	-6	0.108	-19.31	0.69	1.17
-50	0.010	-40.00	-20.00	0.01	-5	0.090	-20.87	-0.87	0.82
-49	0.010	-40.00	-20.00	0.01	-4	0.119	-18.48	1.52	1.42
-48	0.010	-40.00	-20.00	0.01	-3	0.202	-13.89	6.11	4.08
-47	0.010	-40.00	-20.00	0.01	-2	0.124	-18.11	1.89	1.55
-46	0.010	-40.00	-20.00	0.01	-1	0.697	-3.14	16.86	48.55
					0	1.000	0.00	20.00	100.00



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	20.00	100.00	45	0.010	-40.00	-20.00	0.01
1	0.697	-3.14	16.86	48.57	46	0.010	-40.00	-20.00	0.01
2	0.125	-18.10	1.90	1.55	47	0.010	-40.00	-20.00	0.01
3	0.202	-13.89	6.11	4.08	48	0.010	-40.00	-20.00	0.01
4	0.119	-18.47	1.53	1.42	49	0.010	-40.00	-20.00	0.01
5	0.090	-20.87	-0.87	0.82	50	0.010	-40.00	-20.00	0.01
6	0.108	-19.31	0.69	1.17	51	0.010	-40.00	-20.00	0.01
7	0.029	-30.69	-10.69	0.09	52	0.010	-40.00	-20.00	0.01
8	0.091	-20.80	-0.80	0.83	53	0.010	-40.00	-20.00	0.01
9	0.010	-40.00	-20.00	0.01	54	0.010	-40.00	-20.00	0.01
10	0.072	-22.79	-2.79	0.53	55	0.010	-40.00	-20.00	0.01
11	0.032	-29.99	-9.99	0.10	56	0.010	-40.00	-20.00	0.01
12	0.042	-27.59	-7.59	0.17	57	0.010	-40.00	-20.00	0.01
13	0.036	-28.88	-8.88	0.13	58	0.010	-40.00	-20.00	0.01
14	0.014	-37.37	-17.37	0.02	59	0.010	-40.00	-20.00	0.01
15	0.016	-35.90	-15.90	0.03	60	0.010	-40.00	-20.00	0.01
16	0.010	-40.00	-20.00	0.01	61	0.010	-40.00	-20.00	0.01
17	0.036	-28.93	-8.93	0.13	62	0.010	-40.00	-20.00	0.01
18	0.064	-23.92	-3.92	0.41	63	0.010	-40.00	-20.00	0.01
19	0.059	-24.64	-4.64	0.34	64	0.010	-40.00	-20.00	0.01
20	0.026	-31.61	-11.61	0.07	65	0.010	-40.00	-20.00	0.01
21	0.010	-40.00	-20.00	0.01	66	0.010	-40.00	-20.00	0.01
22	0.014	-37.20	-17.20	0.02	67	0.018	-35.01	-15.01	0.03
23	0.010	-40.00	-20.00	0.01	68	0.027	-31.32	-11.32	0.07
24	0.010	-40.00	-20.00	0.01	69	0.035	-29.15	-9.15	0.12
25	0.010	-40.00	-20.00	0.01	70	0.040	-27.97	-7.97	0.16
26	0.010	-40.00	-20.00	0.01	71	0.042	-27.48	-7.48	0.18
27	0.010	-40.00	-20.00	0.01	72	0.042	-27.59	-7.59	0.17
28	0.010	-40.00	-20.00	0.01	73	0.039	-28.22	-8.22	0.15
29	0.010	-40.00	-20.00	0.01	74	0.034	-29.33	-9.33	0.12
30	0.010	-40.00	-20.00	0.01	75	0.028	-30.93	-10.93	0.08
31	0.010	-40.00	-20.00	0.01	76	0.022	-33.08	-13.08	0.05
32	0.010	-40.00	-20.00	0.01	77	0.016	-35.88	-15.88	0.03
33	0.010	-40.00	-20.00	0.01	78	0.010	-39.65	-19.65	0.01
34	0.010	-40.00	-20.00	0.01	79	0.010	-40.00	-20.00	0.01
35	0.010	-39.76	-19.76	0.01	80	0.010	-40.00	-20.00	0.01
36	0.010	-40.00	-20.00	0.01	81	0.010	-40.00	-20.00	0.01
37	0.014	-37.04	-17.04	0.02	82	0.010	-40.00	-20.00	0.01
38	0.034	-29.47	-9.47	0.11	83	0.010	-40.00	-20.00	0.01
39	0.043	-27.36	-7.36	0.18	84	0.010	-40.00	-20.00	0.01
40	0.037	-28.74	-8.74	0.13	85	0.010	-40.00	-20.00	0.01
41	0.019	-34.30	-14.30	0.04	86	0.010	-40.00	-20.00	0.01
42	0.010	-40.00	-20.00	0.01	87	0.010	-39.66	-19.66	0.01
43	0.010	-40.00	-20.00	0.01	88	0.011	-39.40	-19.40	0.01
44	0.010	-40.00	-20.00	0.01	89	0.011	-39.23	-19.23	0.01
					90	0.011	-39.13	-19.13	0.01