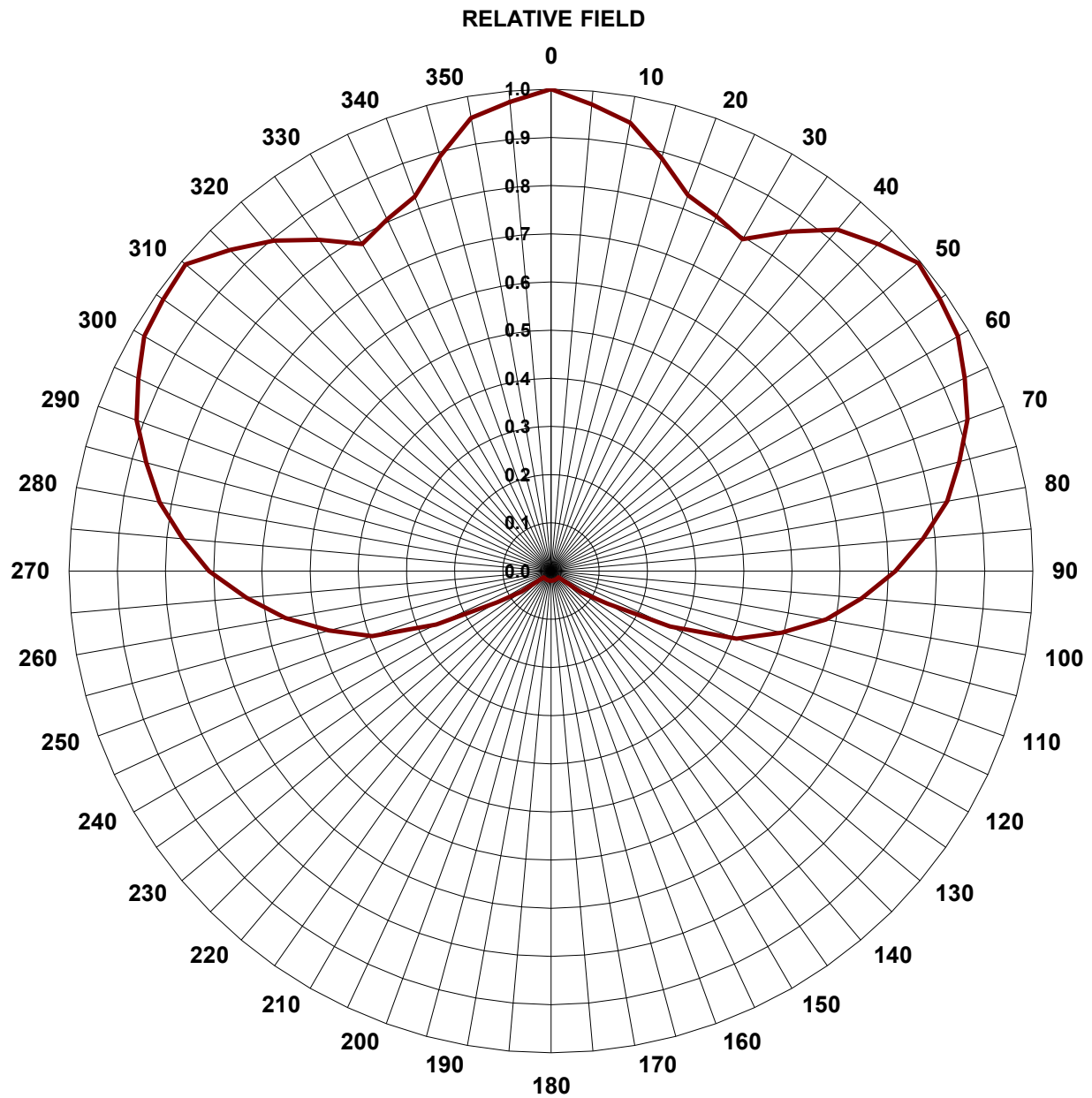


AZIMUTH PATTERN



TYPE:	ATC-BPH8C2	
	Numeric	dBd
Directivity:	2.15	3.32
Polarization:	Horizontal	
Channel:	33	
Location:	Detroit	



AZIMUTH PATTERN TABULATION

TYPE: ATC-BPH8C2



ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	1.000	0.00	94	0.664	-3.55	188	0.020	-33.98	282	0.836	-1.55
2	1.000	0.00	96	0.631	-4.00	190	0.020	-33.98	284	0.859	-1.32
4	0.979	-0.18	98	0.597	-4.48	192	0.020	-33.98	286	0.881	-1.10
6	0.966	-0.30	100	0.580	-4.73	194	0.020	-33.98	288	0.904	-0.88
8	0.959	-0.37	102	0.559	-5.06	196	0.020	-33.98	290	0.915	-0.77
10	0.945	-0.49	104	0.516	-5.74	198	0.020	-33.98	292	0.923	-0.70
12	0.945	-0.49	106	0.474	-6.49	200	0.020	-33.98	294	0.938	-0.56
14	0.902	-0.90	108	0.431	-7.31	202	0.020	-33.98	296	0.953	-0.42
16	0.873	-1.18	110	0.410	-7.74	204	0.020	-33.98	298	0.968	-0.29
18	0.844	-1.47	112	0.376	-8.50	206	0.020	-33.98	300	0.975	-0.22
20	0.830	-1.62	114	0.307	-10.26	208	0.020	-33.98	302	0.977	-0.20
22	0.826	-1.66	116	0.238	-12.46	210	0.020	-33.98	304	0.981	-0.17
24	0.817	-1.76	118	0.169	-15.42	212	0.020	-33.98	306	0.984	-0.14
26	0.808	-1.85	120	0.135	-17.39	214	0.020	-33.98	308	0.988	-0.10
28	0.799	-1.94	122	0.121	-18.37	216	0.020	-33.98	310	0.990	-0.09
30	0.795	-1.99	124	0.092	-20.74	218	0.020	-33.98	312	0.978	-0.19
32	0.811	-1.82	126	0.063	-24.00	220	0.020	-33.98	314	0.954	-0.41
34	0.844	-1.48	128	0.034	-29.28	222	0.020	-33.98	316	0.931	-0.62
36	0.876	-1.15	130	0.020	-33.98	224	0.020	-33.98	318	0.907	-0.85
38	0.909	-0.83	132	0.026	-31.60	226	0.020	-33.98	320	0.895	-0.96
40	0.925	-0.68	134	0.025	-31.91	228	0.020	-33.98	322	0.881	-1.10
42	0.934	-0.60	136	0.024	-32.54	230	0.020	-33.98	324	0.853	-1.38
44	0.951	-0.43	138	0.022	-33.23	232	0.034	-29.43	326	0.826	-1.66
46	0.969	-0.28	140	0.020	-33.98	234	0.061	-24.26	328	0.798	-1.96
48	0.986	-0.12	142	0.020	-33.98	236	0.089	-21.04	330	0.784	-2.11
50	0.995	-0.04	144	0.020	-33.98	238	0.116	-18.69	332	0.789	-2.05
52	0.993	-0.07	146	0.020	-33.98	240	0.130	-17.72	334	0.800	-1.94
54	0.988	-0.11	148	0.020	-33.98	242	0.163	-15.75	336	0.811	-1.82
56	0.983	-0.15	150	0.020	-33.98	244	0.229	-12.79	338	0.822	-1.71
58	0.978	-0.20	152	0.020	-33.98	246	0.296	-10.59	340	0.827	-1.65
60	0.975	-0.22	154	0.020	-33.98	248	0.362	-8.83	342	0.843	-1.48
62	0.968	-0.28	156	0.020	-33.98	250	0.395	-8.07	344	0.875	-1.16
64	0.954	-0.41	158	0.020	-33.98	252	0.416	-7.63	346	0.907	-0.85
66	0.941	-0.53	160	0.020	-33.98	254	0.457	-6.80	348	0.939	-0.55
68	0.927	-0.66	162	0.020	-33.98	256	0.498	-6.05	350	0.955	-0.40
70	0.920	-0.72	164	0.020	-33.98	258	0.539	-5.36	352	0.961	-0.35
72	0.909	-0.83	166	0.020	-33.98	260	0.560	-5.04	354	0.972	-0.25
74	0.888	-1.03	168	0.020	-33.98	262	0.579	-4.75	356	0.983	-0.15
76	0.867	-1.24	170	0.020	-33.98	264	0.616	-4.20	358	0.994	-0.05
78	0.846	-1.46	172	0.020	-33.98	266	0.654	-3.69	360	1.000	0.00
80	0.835	-1.57	174	0.020	-33.98	268	0.691	-3.21			
82	0.820	-1.72	176	0.020	-33.98	270	0.710	-2.97			
84	0.790	-2.05	178	0.020	-33.98	272	0.724	-2.80			
86	0.760	-2.38	180	0.020	-33.98	274	0.753	-2.46			
88	0.730	-2.73	182	0.020	-33.98	276	0.782	-2.14			
90	0.715	-2.91	184	0.020	-33.98	278	0.811	-1.82			
92	0.698	-3.12	186	0.020	-33.98	280	0.825	-1.67			

ELEVATION PATTERN



TYPE:

ATC-BPH8C2

Directivity:

Numeric

dBd

Main Lobe:

7.50

8.8

Horizontal:

7.35

8.7

Beam Tilt:

0.75

Polarization:

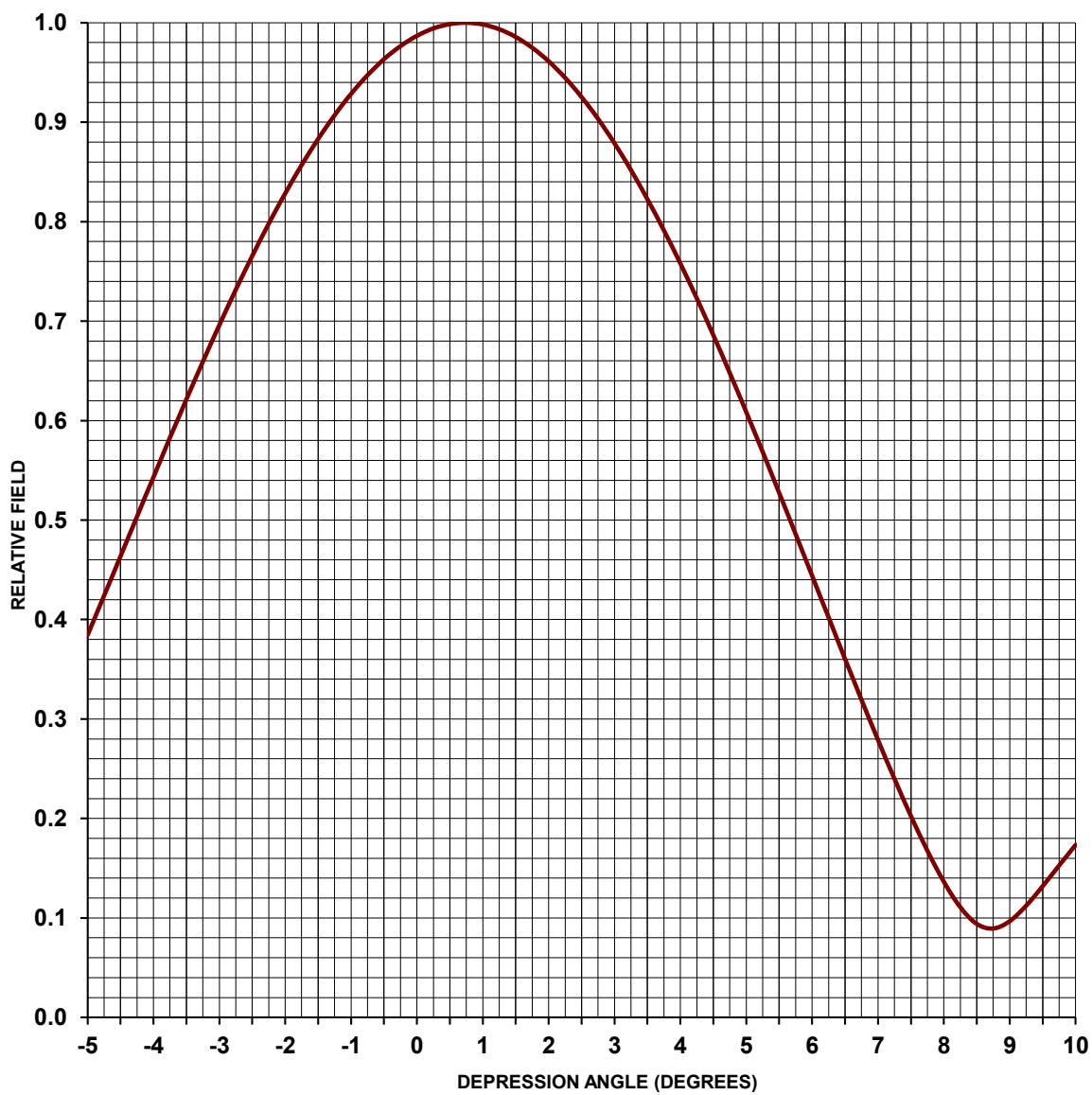
Horizontal

Channel:

33

Location:

Detroit



ELEVATION PATTERN TABULATION



ATC-BPH8C2

-5 to 10 in 0.25 increments

10 to 90 in 0.50 increments

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-5.00	0.385	-8.30	6.75	0.319	-9.92	27.00	0.052	-25.62	50.50	0.173	-15.24	74.00	0.212	-13.48
-4.75	0.424	-7.45	7.00	0.279	-11.09	27.50	0.064	-23.88	51.00	0.184	-14.69	74.50	0.209	-13.58
-4.50	0.464	-6.67	7.25	0.240	-12.40	28.00	0.076	-22.43	51.50	0.194	-14.26	75.00	0.207	-13.69
-4.25	0.504	-5.96	7.50	0.202	-13.87	28.50	0.086	-21.32	52.00	0.201	-13.95	75.50	0.203	-13.83
-4.00	0.544	-5.30	7.75	0.168	-15.52	29.00	0.094	-20.54	52.50	0.206	-13.73	76.00	0.200	-13.99
-3.75	0.583	-4.69	8.00	0.136	-17.31	29.50	0.099	-20.06	53.00	0.209	-13.61	76.50	0.196	-14.16
-3.50	0.622	-4.13	8.25	0.111	-19.11	30.00	0.102	-19.86	53.50	0.209	-13.58	77.00	0.192	-14.34
-3.25	0.659	-3.62	8.50	0.094	-20.53	30.50	0.101	-19.92	54.00	0.208	-13.64	77.50	0.187	-14.54
-3.00	0.696	-3.14	8.75	0.089	-20.97	31.00	0.097	-20.26	54.50	0.204	-13.80	78.00	0.183	-14.75
-2.75	0.732	-2.71	9.00	0.097	-20.28	31.50	0.090	-20.91	55.00	0.199	-14.04	78.50	0.178	-14.97
-2.50	0.766	-2.32	9.25	0.112	-18.98	32.00	0.080	-21.91	55.50	0.191	-14.37	79.00	0.174	-15.20
-2.25	0.798	-1.96	9.50	0.132	-17.59	32.50	0.068	-23.38	56.00	0.182	-14.80	79.50	0.169	-15.43
-2.00	0.829	-1.63	9.75	0.153	-16.32	33.00	0.053	-25.51	56.50	0.171	-15.34	80.00	0.165	-15.67
-1.75	0.857	-1.34	10.00	0.173	-15.22	33.50	0.036	-28.79	57.00	0.159	-15.99	80.50	0.160	-15.90
-1.50	0.883	-1.08	10.50	0.212	-13.49	34.00	0.018	-34.83	57.50	0.145	-16.77	81.00	0.156	-16.13
-1.25	0.907	-0.85	11.00	0.242	-12.31	34.50	0.001	-59.14	58.00	0.130	-17.70	81.50	0.152	-16.36
-1.00	0.929	-0.64	11.50	0.265	-11.53	35.00	0.021	-33.59	58.50	0.115	-18.81	82.00	0.148	-16.58
-0.75	0.947	-0.47	12.00	0.279	-11.08	35.50	0.041	-27.77	59.00	0.098	-20.16	82.50	0.145	-16.80
-0.50	0.963	-0.32	12.50	0.285	-10.90	36.00	0.060	-24.38	59.50	0.081	-21.79	83.00	0.141	-17.00
-0.25	0.977	-0.21	13.00	0.283	-10.96	36.50	0.079	-22.03	60.00	0.064	-23.83	83.50	0.138	-17.19
0.00	0.987	-0.11	13.50	0.273	-11.27	37.00	0.097	-20.29	60.50	0.048	-26.44	84.00	0.135	-17.37
0.25	0.994	-0.05	14.00	0.257	-11.80	37.50	0.113	-18.97	61.00	0.033	-29.75	84.50	0.133	-17.53
0.50	0.999	-0.01	14.50	0.235	-12.58	38.00	0.127	-17.96	61.50	0.023	-32.84	85.00	0.131	-17.68
0.75	1.000	0.00	15.00	0.208	-13.64	38.50	0.138	-17.19	62.00	0.025	-31.90	85.50	0.129	-17.81
1.00	0.998	-0.02	15.50	0.178	-15.01	39.00	0.147	-16.64	62.50	0.038	-28.50	86.00	0.127	-17.93
1.25	0.994	-0.06	16.00	0.145	-16.80	39.50	0.154	-16.26	63.00	0.053	-25.57	86.50	0.126	-18.03
1.50	0.986	-0.13	16.50	0.110	-19.14	40.00	0.157	-16.06	63.50	0.068	-23.30	87.00	0.124	-18.11
1.75	0.975	-0.22	17.00	0.076	-22.36	40.50	0.158	-16.01	64.00	0.084	-21.53	87.50	0.123	-18.18
2.00	0.961	-0.34	17.50	0.044	-27.16	41.00	0.156	-16.13	64.50	0.099	-20.09	88.00	0.122	-18.24
2.25	0.945	-0.49	18.00	0.020	-33.96	41.50	0.151	-16.40	65.00	0.113	-18.92	88.50	0.122	-18.28
2.50	0.925	-0.67	18.50	0.030	-30.52	42.00	0.144	-16.84	65.50	0.127	-17.93	89.00	0.121	-18.31
2.75	0.903	-0.88	19.00	0.053	-25.45	42.50	0.134	-17.46	66.00	0.140	-17.11	89.50	0.121	-18.33
3.00	0.879	-1.12	19.50	0.075	-22.44	43.00	0.122	-18.29	66.50	0.151	-16.40	90.00	0.121	-18.34
3.25	0.852	-1.39	20.00	0.094	-20.55	43.50	0.108	-19.36	67.00	0.162	-15.81			
3.50	0.822	-1.70	20.50	0.108	-19.34	44.00	0.092	-20.70	67.50	0.172	-15.30			
3.75	0.791	-2.04	21.00	0.117	-18.60	44.50	0.076	-22.38	68.00	0.181	-14.87			
4.00	0.758	-2.41	21.50	0.122	-18.24	45.00	0.060	-24.41	68.50	0.188	-14.50			
4.25	0.723	-2.82	22.00	0.123	-18.21	45.50	0.047	-26.56	69.00	0.195	-14.20			
4.50	0.686	-3.27	22.50	0.119	-18.47	46.00	0.041	-27.81	69.50	0.201	-13.95			
4.75	0.648	-3.77	23.00	0.112	-19.02	46.50	0.045	-26.90	70.00	0.205	-13.75			
5.00	0.609	-4.31	23.50	0.101	-19.88	47.00	0.058	-24.72	70.50	0.209	-13.60			
5.25	0.568	-4.91	24.00	0.089	-21.06	47.50	0.075	-22.52	71.00	0.212	-13.48			
5.50	0.527	-5.56	24.50	0.074	-22.59	48.00	0.093	-20.64	71.50	0.214	-13.40			
5.75	0.486	-6.27	25.00	0.060	-24.45	48.50	0.111	-19.09	72.00	0.215	-13.36			
6.00	0.444	-7.05	25.50	0.048	-26.42	49.00	0.128	-17.82	72.50	0.215	-13.35			
6.25	0.402	-7.92	26.00	0.041	-27.66	49.50	0.145	-16.78	73.00	0.215	-13.37			
6.50	0.360	-8.87	26.50	0.044	-27.23	50.00	0.160	-15.93	73.50	0.214	-13.41			