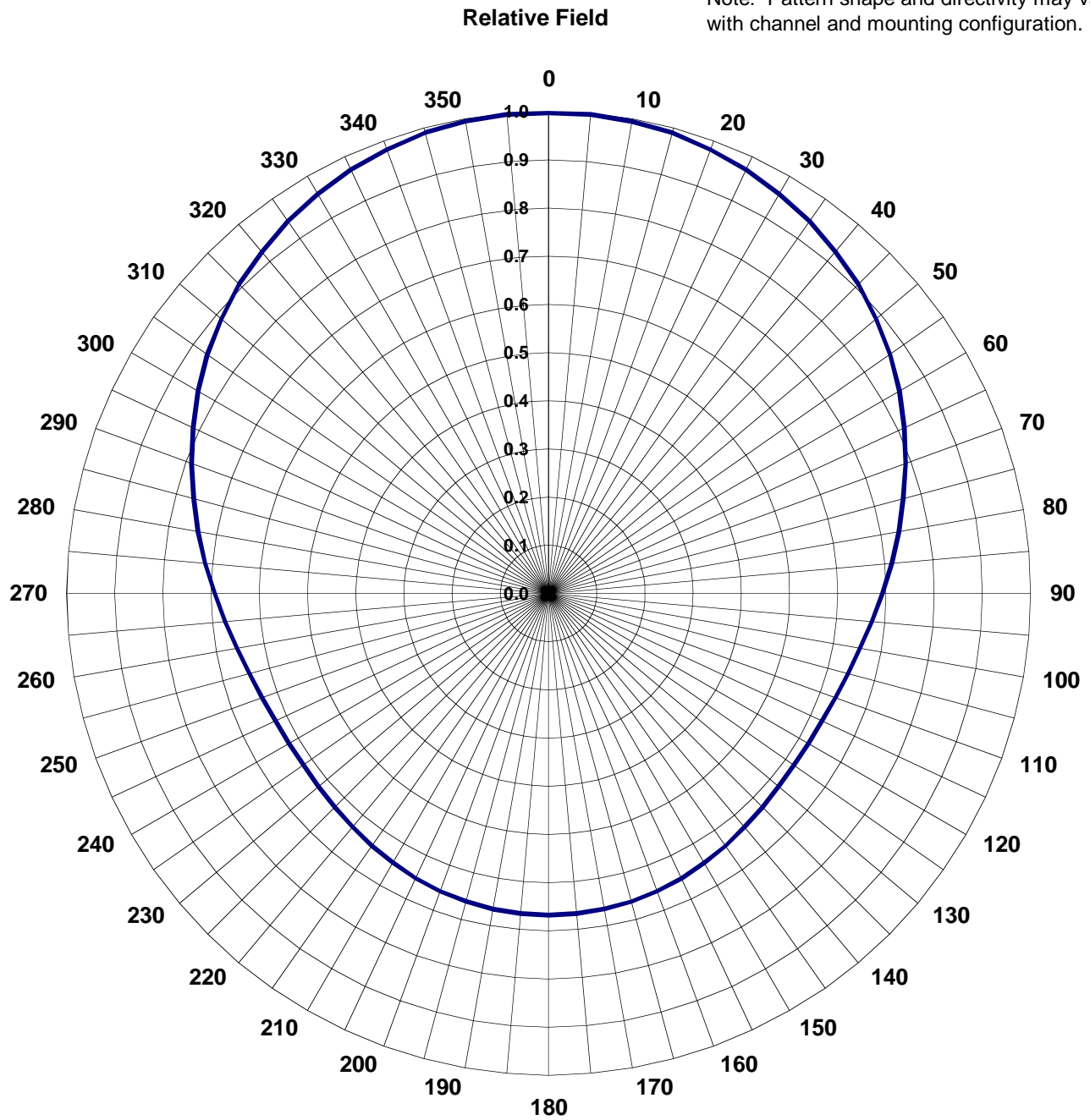


AZIMUTH PATTERN

TYPE:	ALP-OC-H	
	Numeric	dB
Directivity:	1.65	(2.17)
Peak(s) at:		
Polarization:	Horizontal	
Channel:		
Location:		

Note: Pattern shape and directivity may vary with channel and mounting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALP-OC-H

POLARIZATION: Horizontal

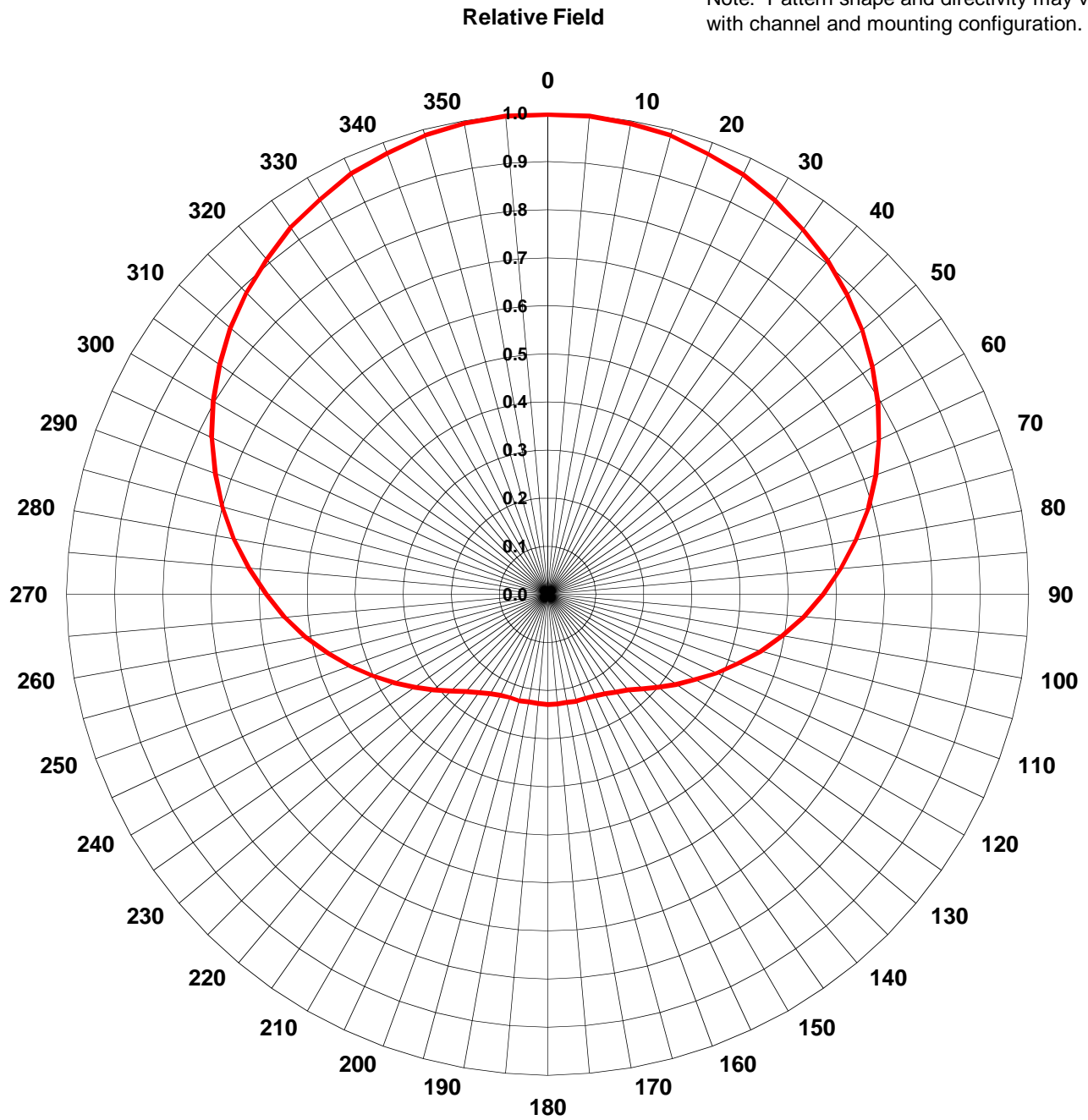
ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.997	0.00	92	0.685	-3.61	184	0.668	-3.41	276	0.720	-3.16
2	0.999	0.00	94	0.677	-3.72	186	0.667	-3.43	278	0.729	-3.04
4	0.999	-0.01	96	0.670	-3.82	188	0.667	-3.44	280	0.738	-2.91
6	0.998	-0.02	98	0.663	-3.90	190	0.666	-3.45	282	0.748	-2.79
8	0.996	-0.03	100	0.656	-4.00	192	0.664	-3.48	284	0.759	-2.67
10	0.995	-0.05	102	0.651	-4.07	194	0.663	-3.50	286	0.771	-2.55
12	0.993	-0.07	104	0.646	-4.14	196	0.662	-3.54	288	0.780	-2.43
14	0.991	-0.10	106	0.641	-4.21	198	0.659	-3.58	290	0.789	-2.30
16	0.989	-0.12	108	0.637	-4.26	200	0.658	-3.62	292	0.799	-2.18
18	0.984	-0.16	110	0.633	-4.31	202	0.655	-3.66	294	0.809	-2.07
20	0.980	-0.19	112	0.630	-4.35	204	0.653	-3.70	296	0.820	-1.95
22	0.978	-0.23	114	0.627	-4.38	206	0.651	-3.76	298	0.830	-1.83
24	0.972	-0.27	116	0.625	-4.39	208	0.648	-3.80	300	0.840	-1.72
26	0.969	-0.33	118	0.623	-4.41	210	0.646	-3.85	302	0.851	-1.61
28	0.963	-0.38	120	0.622	-4.41	212	0.642	-3.90	304	0.858	-1.50
30	0.957	-0.44	122	0.621	-4.41	214	0.640	-3.96	306	0.868	-1.40
32	0.950	-0.49	124	0.622	-4.39	216	0.638	-4.01	308	0.878	-1.30
34	0.945	-0.56	126	0.622	-4.38	218	0.635	-4.05	310	0.887	-1.20
36	0.940	-0.62	128	0.622	-4.35	220	0.633	-4.11	312	0.897	-1.11
38	0.934	-0.70	130	0.623	-4.32	222	0.631	-4.17	314	0.903	-1.02
40	0.925	-0.77	132	0.625	-4.29	224	0.628	-4.21	316	0.912	-0.93
42	0.918	-0.85	134	0.626	-4.25	226	0.626	-4.25	318	0.918	-0.85
44	0.912	-0.93	136	0.628	-4.21	228	0.625	-4.29	320	0.925	-0.77
46	0.903	-1.02	138	0.631	-4.17	230	0.623	-4.32	322	0.934	-0.70
48	0.897	-1.11	140	0.633	-4.11	232	0.622	-4.35	324	0.940	-0.62
50	0.887	-1.20	142	0.635	-4.05	234	0.622	-4.38	326	0.945	-0.56
52	0.878	-1.30	144	0.638	-4.01	236	0.622	-4.39	328	0.950	-0.49
54	0.868	-1.40	146	0.640	-3.96	238	0.621	-4.41	330	0.957	-0.44
56	0.858	-1.50	148	0.642	-3.90	240	0.622	-4.41	332	0.963	-0.38
58	0.851	-1.61	150	0.646	-3.85	242	0.623	-4.41	334	0.969	-0.33
60	0.840	-1.72	152	0.648	-3.80	244	0.625	-4.39	336	0.972	-0.27
62	0.830	-1.83	154	0.651	-3.76	246	0.627	-4.38	338	0.978	-0.23
64	0.820	-1.95	156	0.653	-3.70	248	0.630	-4.35	340	0.980	-0.19
66	0.809	-2.07	158	0.655	-3.66	250	0.633	-4.31	342	0.984	-0.16
68	0.799	-2.18	160	0.658	-3.62	252	0.637	-4.26	344	0.989	-0.12
70	0.789	-2.30	162	0.659	-3.58	254	0.641	-4.21	346	0.991	-0.10
72	0.780	-2.43	164	0.662	-3.54	256	0.646	-4.14	348	0.993	-0.07
74	0.771	-2.55	166	0.663	-3.50	258	0.651	-4.07	350	0.995	-0.05
76	0.759	-2.67	168	0.664	-3.48	260	0.656	-4.00	352	0.996	-0.03
78	0.748	-2.79	170	0.666	-3.45	262	0.663	-3.90	354	0.998	-0.02
80	0.738	-2.91	172	0.667	-3.44	264	0.670	-3.82	356	0.999	-0.01
82	0.729	-3.04	174	0.667	-3.43	266	0.677	-3.72	358	0.999	0.00
84	0.720	-3.16	176	0.668	-3.41	268	0.685	-3.61	360	0.997	0.00
86	0.710	-3.27	178	0.668	-3.40	270	0.693	-3.50			
88	0.702	-3.39	180	0.668	-3.40	272	0.702	-3.39			
90	0.693	-3.50	182	0.668	-3.40	274	0.710	-3.27			



AZIMUTH PATTERN

TYPE:	ALP-OC-V	
	Numeric	dB
Directivity:	2.31	(3.64)
Peak(s) at:		
Polarization:	Vertical	
Channel:		
Location:		

Note: Pattern shape and directivity may vary with channel and mounting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALP-OC-V

POLARIZATION: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.997	0.00	92	0.558	-2.56	184	0.228	-10.06	276	0.633	-1.95
2	0.999	-0.01	94	0.543	-2.72	186	0.227	-10.26	278	0.647	-1.81
4	0.999	-0.01	96	0.527	-2.89	188	0.226	-10.52	280	0.663	-1.66
6	0.998	-0.01	98	0.513	-3.07	190	0.227	-10.84	282	0.677	-1.52
8	0.996	-0.01	100	0.495	-3.26	192	0.227	-11.24	284	0.693	-1.39
10	0.994	-0.01	102	0.481	-3.47	194	0.228	-11.67	286	0.708	-1.26
12	0.993	-0.01	104	0.466	-3.69	196	0.227	-12.11	288	0.722	-1.13
14	0.988	-0.01	106	0.450	-3.93	198	0.227	-12.62	290	0.736	-1.01
16	0.984	-0.01	108	0.435	-4.19	200	0.228	-13.07	292	0.751	-0.90
18	0.982	-0.01	110	0.421	-4.48	202	0.229	-13.51	294	0.764	-0.79
20	0.975	-0.01	112	0.407	-4.81	204	0.230	-13.94	296	0.777	-0.69
22	0.971	-0.01	114	0.392	-5.16	206	0.233	-14.24	298	0.791	-0.59
24	0.966	-0.01	116	0.381	-5.55	208	0.236	-14.47	300	0.803	-0.50
26	0.960	-0.01	118	0.367	-5.97	210	0.238	-14.52	302	0.815	-0.43
28	0.953	-0.01	120	0.355	-6.45	212	0.243	-14.47	304	0.826	-0.35
30	0.946	-0.01	122	0.343	-6.96	214	0.247	-14.24	306	0.839	-0.29
32	0.938	-0.01	124	0.331	-7.49	216	0.252	-13.85	308	0.849	-0.23
34	0.931	-0.01	126	0.321	-8.09	218	0.258	-13.39	310	0.861	-0.18
36	0.923	-0.01	128	0.309	-8.73	220	0.264	-12.80	312	0.871	-0.14
38	0.915	-0.02	130	0.300	-9.37	222	0.272	-12.15	314	0.881	-0.10
40	0.906	-0.03	132	0.291	-10.06	224	0.280	-11.47	316	0.892	-0.08
42	0.896	-0.05	134	0.282	-10.78	226	0.288	-10.78	318	0.900	-0.05
44	0.886	-0.08	136	0.274	-11.47	228	0.298	-10.06	320	0.909	-0.03
46	0.876	-0.10	138	0.267	-12.15	230	0.309	-9.37	322	0.919	-0.02
48	0.865	-0.14	140	0.260	-12.80	232	0.320	-8.73	324	0.926	-0.01
50	0.854	-0.18	142	0.255	-13.39	234	0.332	-8.09	326	0.933	-0.01
52	0.843	-0.23	144	0.250	-13.85	236	0.343	-7.49	328	0.941	-0.01
54	0.831	-0.29	146	0.246	-14.24	238	0.355	-6.96	330	0.947	-0.01
56	0.820	-0.35	148	0.242	-14.47	240	0.367	-6.45	332	0.954	-0.01
58	0.806	-0.43	150	0.238	-14.52	242	0.381	-5.97	334	0.960	-0.01
60	0.794	-0.50	152	0.236	-14.47	244	0.395	-5.55	336	0.966	-0.01
62	0.782	-0.59	154	0.234	-14.24	246	0.408	-5.16	338	0.972	-0.01
64	0.767	-0.69	156	0.233	-13.94	248	0.422	-4.81	340	0.976	-0.01
66	0.753	-0.79	158	0.231	-13.51	250	0.436	-4.48	342	0.979	-0.01
68	0.741	-0.90	160	0.230	-13.07	252	0.450	-4.19	344	0.985	-0.01
70	0.726	-1.01	162	0.230	-12.62	254	0.464	-3.93	346	0.987	-0.01
72	0.712	-1.13	164	0.229	-12.11	256	0.481	-3.69	348	0.992	-0.01
74	0.696	-1.26	166	0.229	-11.67	258	0.496	-3.47	350	0.994	-0.01
76	0.681	-1.39	168	0.229	-11.24	260	0.512	-3.26	352	0.996	-0.01
78	0.667	-1.52	170	0.228	-10.84	262	0.527	-3.07	354	0.998	-0.01
80	0.651	-1.66	172	0.229	-10.52	264	0.542	-2.89	356	0.998	-0.01
82	0.636	-1.81	174	0.229	-10.26	266	0.557	-2.72	358	0.999	-0.01
84	0.620	-1.95	176	0.228	-10.06	268	0.571	-2.56	360	0.997	0.00
86	0.605	-2.10	178	0.229	-9.92	270	0.586	-2.41			
88	0.589	-2.25	180	0.229	-9.84	272	0.603	-2.25			
90	0.574	-2.41	182	0.228	-9.92	274	0.618	-2.10			

