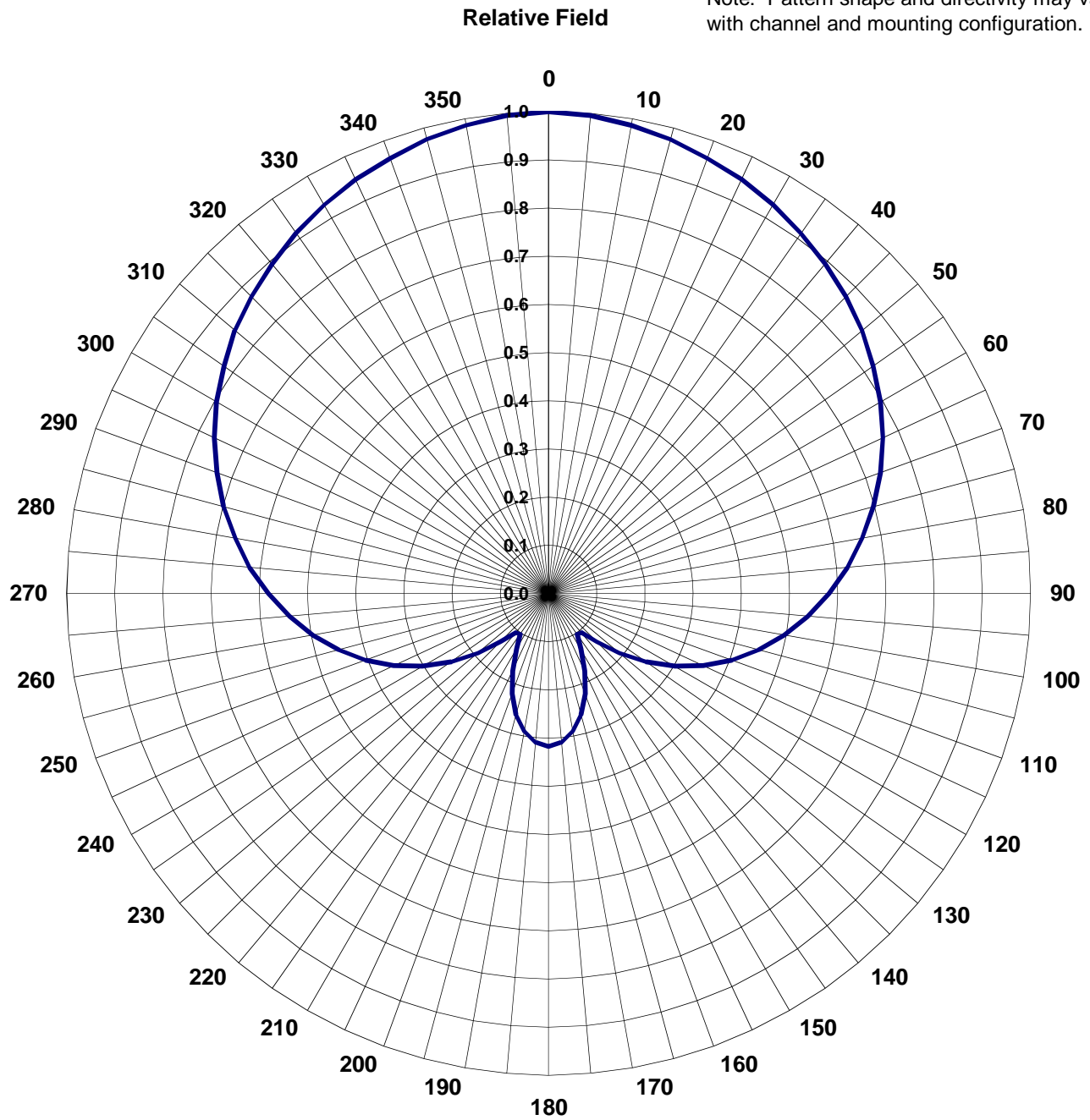


AZIMUTH PATTERN

TYPE:	ALP-M-H	
Directivity:	Numeric	dB
Peak(s) at:	2.40	(3.80)
Polarization:	Horizontal	
Channel:		
Location:		

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



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: **ALP-M-H**

POLARIZATION: **Horizontal**

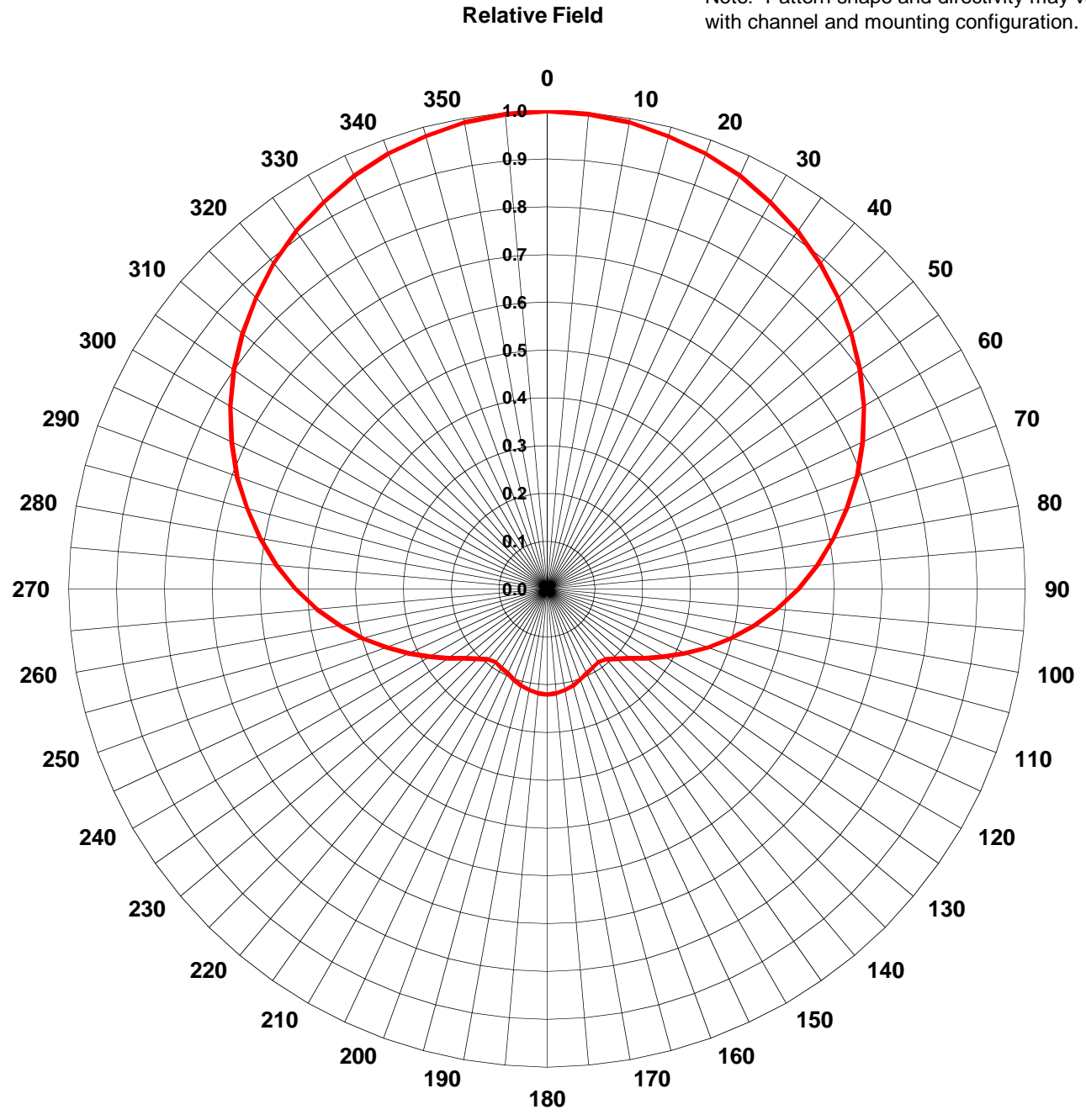
ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	1.000	0.00	92	0.566	-5.35	184	0.313	-10.03	276	0.630	-4.61
2	0.998	-0.02	94	0.549	-5.56	186	0.307	-10.12	278	0.646	-4.44
4	0.996	-0.04	96	0.532	-5.78	188	0.299	-10.23	280	0.660	-4.26
6	0.993	-0.06	98	0.516	-6.00	190	0.290	-10.31	282	0.676	-4.11
8	0.989	-0.09	100	0.496	-6.23	192	0.280	-10.57	284	0.691	-3.96
10	0.987	-0.10	102	0.480	-6.50	194	0.267	-10.84	286	0.705	-3.81
12	0.983	-0.17	104	0.461	-6.78	196	0.254	-11.09	288	0.720	-3.66
14	0.979	-0.23	106	0.443	-7.05	198	0.238	-11.37	290	0.732	-3.52
16	0.975	-0.28	108	0.425	-7.35	200	0.222	-11.67	292	0.746	-3.38
18	0.968	-0.35	110	0.405	-7.66	202	0.204	-11.97	294	0.758	-3.24
20	0.962	-0.41	112	0.385	-8.02	204	0.187	-12.29	296	0.772	-3.09
22	0.958	-0.49	114	0.366	-8.43	206	0.169	-12.65	298	0.784	-2.95
24	0.950	-0.58	116	0.344	-8.83	208	0.150	-13.00	300	0.795	-2.82
26	0.944	-0.67	118	0.324	-9.27	210	0.134	-13.35	302	0.806	-2.67
28	0.940	-0.76	120	0.303	-9.71	212	0.119	-13.43	304	0.817	-2.53
30	0.931	-0.85	122	0.279	-10.14	214	0.107	-13.56	306	0.828	-2.38
32	0.923	-0.96	124	0.257	-10.60	216	0.101	-13.64	308	0.838	-2.25
34	0.915	-1.08	126	0.236	-11.12	218	0.100	-13.76	310	0.849	-2.11
36	0.911	-1.19	128	0.213	-11.63	220	0.106	-13.85	312	0.858	-1.97
38	0.903	-1.31	130	0.192	-12.18	222	0.117	-13.47	314	0.867	-1.83
40	0.893	-1.43	132	0.170	-12.51	224	0.133	-13.15	316	0.875	-1.70
42	0.884	-1.57	134	0.150	-12.80	226	0.150	-12.80	318	0.884	-1.57
44	0.875	-1.70	136	0.133	-13.15	228	0.170	-12.51	320	0.893	-1.43
46	0.867	-1.83	138	0.117	-13.47	230	0.192	-12.18	322	0.903	-1.31
48	0.858	-1.97	140	0.106	-13.85	232	0.213	-11.63	324	0.911	-1.19
50	0.849	-2.11	142	0.100	-13.76	234	0.236	-11.12	326	0.915	-1.08
52	0.838	-2.25	144	0.101	-13.64	236	0.257	-10.60	328	0.923	-0.96
54	0.828	-2.38	146	0.107	-13.56	238	0.279	-10.14	330	0.931	-0.85
56	0.817	-2.53	148	0.119	-13.43	240	0.303	-9.71	332	0.940	-0.76
58	0.806	-2.67	150	0.134	-13.35	242	0.324	-9.27	334	0.944	-0.67
60	0.795	-2.82	152	0.150	-13.00	244	0.344	-8.83	336	0.950	-0.58
62	0.784	-2.95	154	0.169	-12.65	246	0.366	-8.43	338	0.958	-0.49
64	0.772	-3.09	156	0.187	-12.29	248	0.385	-8.02	340	0.962	-0.41
66	0.758	-3.24	158	0.204	-11.97	250	0.405	-7.66	342	0.968	-0.35
68	0.746	-3.38	160	0.222	-11.67	252	0.425	-7.35	344	0.975	-0.28
70	0.732	-3.52	162	0.238	-11.37	254	0.443	-7.05	346	0.979	-0.23
72	0.720	-3.66	164	0.254	-11.09	256	0.461	-6.78	348	0.983	-0.17
74	0.705	-3.81	166	0.267	-10.84	258	0.480	-6.50	350	0.987	-0.10
76	0.691	-3.96	168	0.280	-10.57	260	0.496	-6.23	352	0.989	-0.09
78	0.676	-4.11	170	0.290	-10.31	262	0.516	-6.00	354	0.993	-0.06
80	0.660	-4.26	172	0.299	-10.23	264	0.532	-5.78	356	0.996	-0.04
82	0.646	-4.44	174	0.307	-10.12	266	0.549	-5.56	358	0.998	-0.02
84	0.630	-4.61	176	0.313	-10.03	268	0.566	-5.35	360	1.000	0.00
86	0.614	-4.78	178	0.316	-9.92	270	0.582	-5.15			
88	0.599	-4.96	180	0.317	-9.84	272	0.599	-4.96			
90	0.582	-5.15	182	0.316	-9.92	274	0.614	-4.78			



AZIMUTH PATTERN

TYPE:	ALP-M-V	
Directivity:	Numeric	dB
Peak(s) at:	2.52	(4.01)
Polarization:	Vertical	
Channel:		
Location:		

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



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALP-M-V

POLARIZATION: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	1.000	0.00	92	0.509	-2.56	184	0.220	-10.06	276	0.576	-1.95
2	0.999	-0.01	94	0.492	-2.72	186	0.218	-10.26	278	0.593	-1.81
4	0.998	-0.01	96	0.475	-2.89	188	0.217	-10.52	280	0.609	-1.66
6	0.997	-0.01	98	0.457	-3.07	190	0.215	-10.84	282	0.625	-1.52
8	0.993	-0.01	100	0.440	-3.26	192	0.213	-11.24	284	0.642	-1.39
10	0.991	-0.01	102	0.423	-3.47	194	0.210	-11.67	286	0.659	-1.26
12	0.988	-0.01	104	0.406	-3.69	196	0.207	-12.11	288	0.674	-1.13
14	0.983	-0.01	106	0.391	-3.93	198	0.205	-12.62	290	0.690	-1.01
16	0.980	-0.01	108	0.374	-4.19	200	0.202	-13.07	292	0.705	-0.90
18	0.975	-0.01	110	0.358	-4.48	202	0.199	-13.51	294	0.721	-0.79
20	0.970	-0.01	112	0.342	-4.81	204	0.197	-13.94	296	0.736	-0.69
22	0.963	-0.01	114	0.326	-5.16	206	0.194	-14.24	298	0.747	-0.59
24	0.957	-0.01	116	0.311	-5.55	208	0.192	-14.47	300	0.765	-0.50
26	0.950	-0.01	118	0.297	-5.97	210	0.190	-14.52	302	0.779	-0.43
28	0.943	-0.01	120	0.283	-6.45	212	0.189	-14.47	304	0.791	-0.35
30	0.934	-0.01	122	0.271	-6.96	214	0.189	-14.24	306	0.805	-0.29
32	0.926	-0.01	124	0.258	-7.49	216	0.183	-13.85	308	0.817	-0.23
34	0.918	-0.01	126	0.246	-8.09	218	0.181	-13.39	310	0.831	-0.18
36	0.909	-0.01	128	0.236	-8.73	220	0.192	-12.80	312	0.843	-0.14
38	0.899	-0.02	130	0.226	-9.37	222	0.198	-12.15	314	0.855	-0.10
40	0.889	-0.03	132	0.217	-10.06	224	0.203	-11.47	316	0.866	-0.08
42	0.878	-0.05	134	0.210	-10.78	226	0.210	-10.78	318	0.878	-0.05
44	0.866	-0.08	136	0.203	-11.47	228	0.217	-10.06	320	0.889	-0.03
46	0.855	-0.10	138	0.198	-12.15	230	0.226	-9.37	322	0.899	-0.02
48	0.843	-0.14	140	0.192	-12.80	232	0.236	-8.73	324	0.909	-0.01
50	0.831	-0.18	142	0.181	-13.39	234	0.246	-8.09	326	0.918	-0.01
52	0.817	-0.23	144	0.183	-13.85	236	0.258	-7.49	328	0.926	-0.01
54	0.805	-0.29	146	0.189	-14.24	238	0.271	-6.96	330	0.934	-0.01
56	0.791	-0.35	148	0.189	-14.47	240	0.283	-6.45	332	0.943	-0.01
58	0.779	-0.43	150	0.190	-14.52	242	0.297	-5.97	334	0.950	-0.01
60	0.765	-0.50	152	0.192	-14.47	244	0.311	-5.55	336	0.957	-0.01
62	0.747	-0.59	154	0.194	-14.24	246	0.326	-5.16	338	0.963	-0.01
64	0.736	-0.69	156	0.197	-13.94	248	0.342	-4.81	340	0.970	-0.01
66	0.721	-0.79	158	0.199	-13.51	250	0.358	-4.48	342	0.975	-0.01
68	0.705	-0.90	160	0.202	-13.07	252	0.374	-4.19	344	0.980	-0.01
70	0.690	-1.01	162	0.205	-12.62	254	0.391	-3.93	346	0.983	-0.01
72	0.674	-1.13	164	0.207	-12.11	256	0.406	-3.69	348	0.988	-0.01
74	0.659	-1.26	166	0.210	-11.67	258	0.423	-3.47	350	0.991	-0.01
76	0.642	-1.39	168	0.213	-11.24	260	0.440	-3.26	352	0.993	-0.01
78	0.625	-1.52	170	0.215	-10.84	262	0.457	-3.07	354	0.997	-0.01
80	0.609	-1.66	172	0.217	-10.52	264	0.475	-2.89	356	0.998	-0.01
82	0.593	-1.81	174	0.218	-10.26	266	0.492	-2.72	358	0.999	-0.01
84	0.576	-1.95	176	0.220	-10.06	268	0.509	-2.56	360	1.000	0.00
86	0.560	-2.10	178	0.220	-9.92	270	0.526	-2.41			
88	0.542	-2.25	180	0.221	-9.84	272	0.542	-2.25			
90	0.526	-2.41	182	0.220	-9.92	274	0.560	-2.10			

