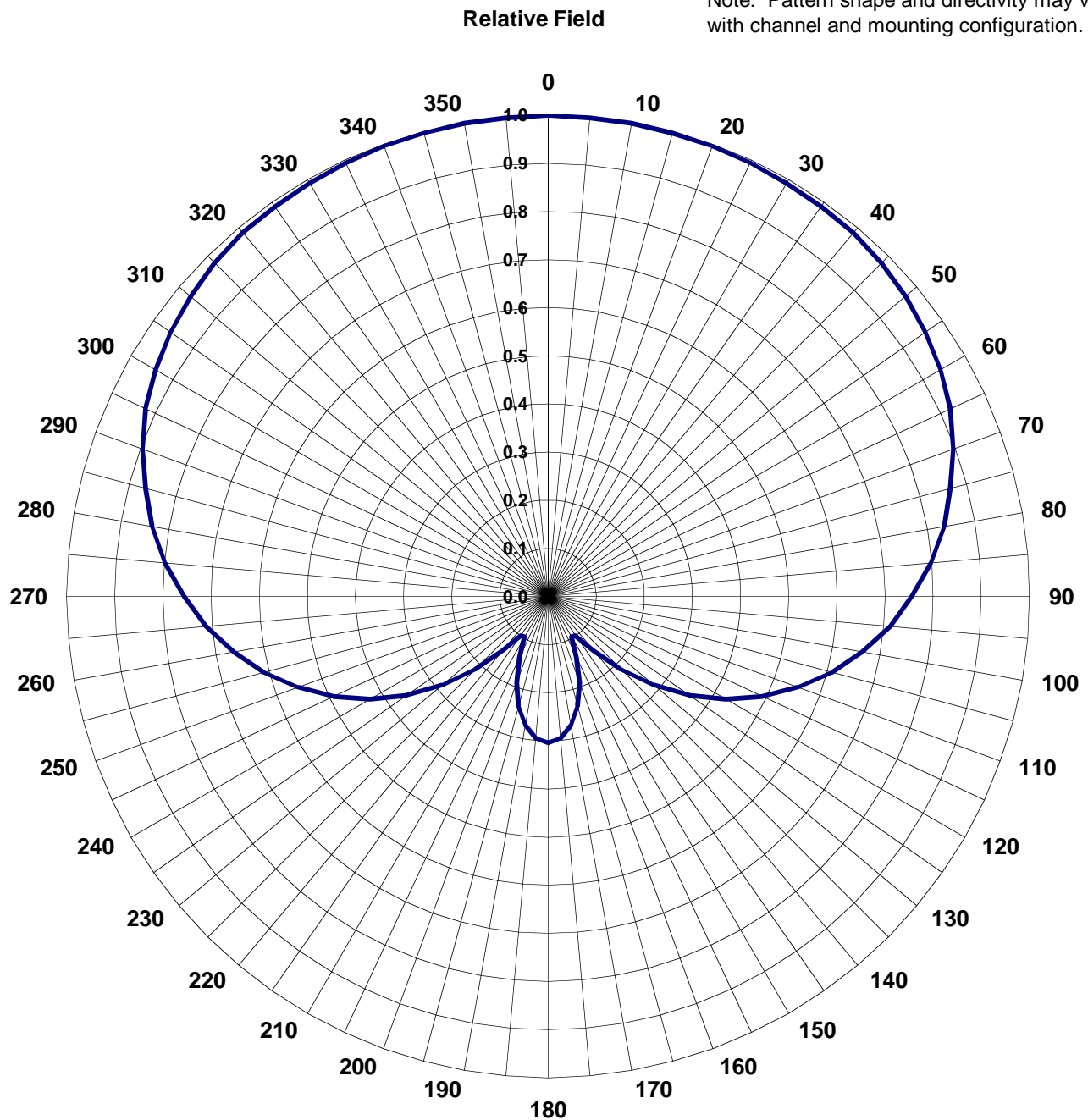


AZIMUTH PATTERN

TYPE:	ALP-E-H	
	Numeric	dB
Directivity:	1.88	(2.74)
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-E-H

POLARIZATION: Horizontal

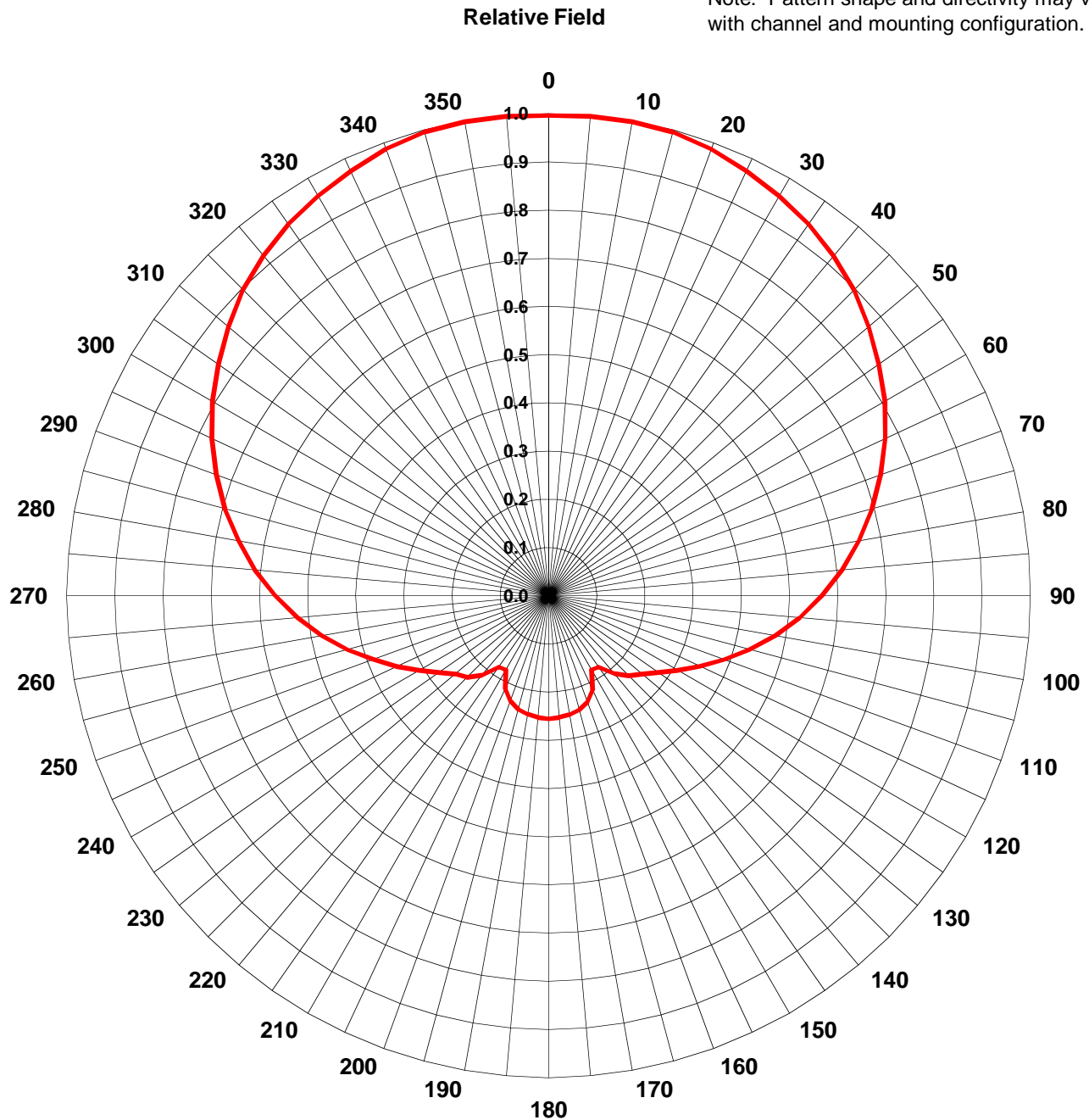
ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.999	0.00	92	0.739	-2.56	184	0.298	-10.06	276	0.805	-1.95
2	1.000	-0.01	94	0.721	-2.72	186	0.292	-10.26	278	0.821	-1.81
4	0.999	-0.01	96	0.703	-2.89	188	0.283	-10.52	280	0.836	-1.66
6	0.998	-0.01	98	0.683	-3.07	190	0.272	-10.84	282	0.848	-1.52
8	0.997	-0.01	100	0.662	-3.26	192	0.259	-11.24	284	0.862	-1.39
10	0.999	-0.01	102	0.642	-3.47	194	0.245	-11.67	286	0.874	-1.26
12	0.998	-0.01	104	0.621	-3.69	196	0.228	-12.11	288	0.885	-1.13
14	0.998	-0.01	106	0.599	-3.93	198	0.211	-12.62	290	0.896	-1.01
16	0.996	-0.01	108	0.576	-4.19	200	0.191	-13.07	292	0.907	-0.90
18	0.993	-0.01	110	0.553	-4.48	202	0.170	-13.51	294	0.916	-0.79
20	0.996	-0.01	112	0.530	-4.81	204	0.150	-13.94	296	0.926	-0.69
22	0.995	-0.01	114	0.504	-5.16	206	0.131	-14.24	298	0.934	-0.59
24	0.994	-0.01	116	0.479	-5.55	208	0.112	-14.47	300	0.941	-0.50
26	0.995	-0.01	118	0.454	-5.97	210	0.098	-14.52	302	0.950	-0.43
28	0.993	-0.01	120	0.427	-6.45	212	0.091	-14.47	304	0.954	-0.35
30	0.992	-0.01	122	0.399	-6.96	214	0.094	-14.24	306	0.959	-0.29
32	0.992	-0.01	124	0.371	-7.49	216	0.105	-13.85	308	0.965	-0.23
34	0.990	-0.01	126	0.344	-8.09	218	0.123	-13.39	310	0.970	-0.18
36	0.990	-0.01	128	0.316	-8.73	220	0.147	-12.80	312	0.975	-0.14
38	0.988	-0.02	130	0.286	-9.37	222	0.173	-12.15	314	0.978	-0.10
40	0.987	-0.03	132	0.257	-10.06	224	0.201	-11.47	316	0.981	-0.08
42	0.983	-0.05	134	0.228	-10.78	226	0.228	-10.78	318	0.983	-0.05
44	0.981	-0.08	136	0.201	-11.47	228	0.257	-10.06	320	0.987	-0.03
46	0.978	-0.10	138	0.173	-12.15	230	0.286	-9.37	322	0.988	-0.02
48	0.975	-0.14	140	0.147	-12.80	232	0.316	-8.73	324	0.990	-0.01
50	0.970	-0.18	142	0.123	-13.39	234	0.344	-8.09	326	0.990	-0.01
52	0.965	-0.23	144	0.105	-13.85	236	0.371	-7.49	328	0.992	-0.01
54	0.959	-0.29	146	0.094	-14.24	238	0.399	-6.96	330	0.992	-0.01
56	0.954	-0.35	148	0.091	-14.47	240	0.427	-6.45	332	0.993	-0.01
58	0.950	-0.43	150	0.098	-14.52	242	0.454	-5.97	334	0.995	-0.01
60	0.941	-0.50	152	0.112	-14.47	244	0.479	-5.55	336	0.994	-0.01
62	0.934	-0.59	154	0.131	-14.24	246	0.504	-5.16	338	0.995	-0.01
64	0.926	-0.69	156	0.150	-13.94	248	0.530	-4.81	340	0.996	-0.01
66	0.916	-0.79	158	0.170	-13.51	250	0.553	-4.48	342	0.993	-0.01
68	0.907	-0.90	160	0.191	-13.07	252	0.576	-4.19	344	0.996	-0.01
70	0.896	-1.01	162	0.211	-12.62	254	0.599	-3.93	346	0.998	-0.01
72	0.885	-1.13	164	0.228	-12.11	256	0.621	-3.69	348	0.998	-0.01
74	0.874	-1.26	166	0.245	-11.67	258	0.642	-3.47	350	0.999	-0.01
76	0.862	-1.39	168	0.259	-11.24	260	0.662	-3.26	352	0.997	-0.01
78	0.848	-1.52	170	0.272	-10.84	262	0.683	-3.07	354	0.998	-0.01
80	0.836	-1.66	172	0.283	-10.52	264	0.703	-2.89	356	0.999	-0.01
82	0.821	-1.81	174	0.292	-10.26	266	0.721	-2.72	358	1.000	-0.01
84	0.805	-1.95	176	0.298	-10.06	268	0.739	-2.56	360	0.999	0.00
86	0.791	-2.10	178	0.303	-9.92	270	0.756	-2.41			
88	0.775	-2.25	180	0.305	-9.84	272	0.775	-2.25			
90	0.756	-2.41	182	0.303	-9.92	274	0.791	-2.10			



AZIMUTH PATTERN

TYPE:	ALP-E-V	
	Numeric	dB
Directivity:	2.33	(3.67)
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-E-V

POLARIZATION: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.996	0.00	92	0.551	-2.56	184	0.254	-10.06	276	0.621	-1.95
2	0.998	-0.01	94	0.533	-2.72	186	0.253	-10.26	278	0.638	-1.81
4	1.000	-0.01	96	0.514	-2.89	188	0.252	-10.52	280	0.654	-1.66
6	0.998	-0.01	98	0.497	-3.07	190	0.250	-10.84	282	0.671	-1.52
8	1.000	-0.01	100	0.478	-3.26	192	0.248	-11.24	284	0.687	-1.39
10	0.998	-0.01	102	0.460	-3.47	194	0.245	-11.67	286	0.704	-1.26
12	0.997	-0.01	104	0.442	-3.69	196	0.243	-12.11	288	0.718	-1.13
14	0.996	-0.01	106	0.423	-3.93	198	0.239	-12.62	290	0.734	-1.01
16	0.992	-0.01	108	0.406	-4.19	200	0.232	-13.07	292	0.750	-0.90
18	0.990	-0.01	110	0.388	-4.48	202	0.224	-13.51	294	0.764	-0.79
20	0.986	-0.01	112	0.371	-4.81	204	0.216	-13.94	296	0.778	-0.69
22	0.983	-0.01	114	0.355	-5.16	206	0.210	-14.24	298	0.792	-0.59
24	0.977	-0.01	116	0.339	-5.55	208	0.205	-14.47	300	0.806	-0.50
26	0.971	-0.01	118	0.324	-5.97	210	0.178	-14.52	302	0.818	-0.43
28	0.965	-0.01	120	0.310	-6.45	212	0.166	-14.47	304	0.831	-0.35
30	0.957	-0.01	122	0.298	-6.96	214	0.172	-14.24	306	0.843	-0.29
32	0.952	-0.01	124	0.284	-7.49	216	0.192	-13.85	308	0.856	-0.23
34	0.946	-0.01	126	0.273	-8.09	218	0.209	-13.39	310	0.867	-0.18
36	0.936	-0.01	128	0.261	-8.73	220	0.216	-12.80	312	0.879	-0.14
38	0.928	-0.02	130	0.253	-9.37	222	0.225	-12.15	314	0.890	-0.10
40	0.920	-0.03	132	0.245	-10.06	224	0.235	-11.47	316	0.900	-0.08
42	0.911	-0.05	134	0.238	-10.78	226	0.238	-10.78	318	0.911	-0.05
44	0.900	-0.08	136	0.230	-11.47	228	0.245	-10.06	320	0.920	-0.03
46	0.890	-0.10	138	0.220	-12.15	230	0.253	-9.37	322	0.928	-0.02
48	0.879	-0.14	140	0.212	-12.80	232	0.261	-8.73	324	0.936	-0.01
50	0.867	-0.18	142	0.207	-13.39	234	0.273	-8.09	326	0.946	-0.01
52	0.856	-0.23	144	0.192	-13.85	236	0.284	-7.49	328	0.952	-0.01
54	0.843	-0.29	146	0.172	-14.24	238	0.298	-6.96	330	0.957	-0.01
56	0.831	-0.35	148	0.166	-14.47	240	0.310	-6.45	332	0.965	-0.01
58	0.818	-0.43	150	0.178	-14.52	242	0.324	-5.97	334	0.971	-0.01
60	0.806	-0.50	152	0.205	-14.47	244	0.339	-5.55	336	0.977	-0.01
62	0.792	-0.59	154	0.213	-14.24	246	0.355	-5.16	338	0.983	-0.01
64	0.778	-0.69	156	0.220	-13.94	248	0.371	-4.81	340	0.986	-0.01
66	0.764	-0.79	158	0.228	-13.51	250	0.388	-4.48	342	0.990	-0.01
68	0.750	-0.90	160	0.236	-13.07	252	0.406	-4.19	344	0.992	-0.01
70	0.734	-1.01	162	0.241	-12.62	254	0.423	-3.93	346	0.996	-0.01
72	0.718	-1.13	164	0.244	-12.11	256	0.442	-3.69	348	0.997	-0.01
74	0.704	-1.26	166	0.247	-11.67	258	0.460	-3.47	350	0.998	-0.01
76	0.687	-1.39	168	0.249	-11.24	260	0.478	-3.26	352	1.000	-0.01
78	0.671	-1.52	170	0.251	-10.84	262	0.497	-3.07	354	0.998	-0.01
80	0.654	-1.66	172	0.253	-10.52	264	0.514	-2.89	356	1.000	-0.01
82	0.638	-1.81	174	0.254	-10.26	266	0.533	-2.72	358	0.998	-0.01
84	0.621	-1.95	176	0.255	-10.06	268	0.551	-2.56	360	0.996	0.00
86	0.605	-2.10	178	0.255	-9.92	270	0.568	-2.41			
88	0.586	-2.25	180	0.255	-9.84	272	0.586	-2.25			
90	0.568	-2.41	182	0.255	-9.92	274	0.605	-2.10			

