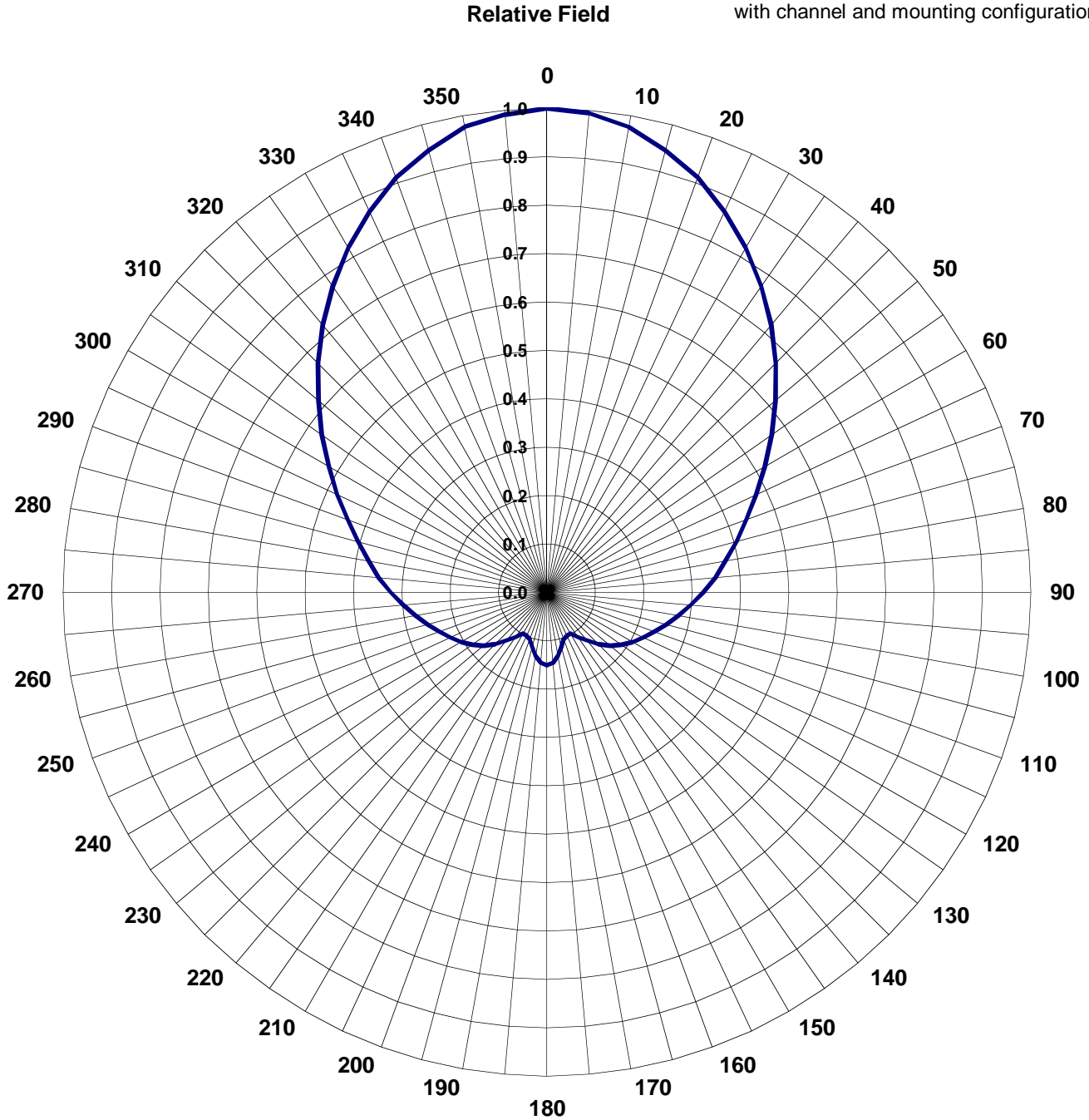


Standard product is Horizontally Polarized Only

AZIMUTH PATTERN

TYPE:	ALP-NR	
Directivity:	Numeric	dB
Peak(s) at:	3.80	(5.80)
Polarization:	Horizontal	
Channel:		
Location:		

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



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALP-NR

POLARIZATION: Horizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	1.000	0.00	92	0.313	-10.09	184	0.148	-16.59	276	0.354	-9.02
2	0.999	-0.01	94	0.304	-10.34	186	0.144	-16.83	278	0.364	-8.78
4	0.996	-0.03	96	0.294	-10.63	188	0.139	-17.14	280	0.375	-8.52
6	0.991	-0.08	98	0.285	-10.90	190	0.133	-17.52	282	0.387	-8.25
8	0.984	-0.14	100	0.276	-11.18	192	0.127	-17.92	284	0.399	-7.98
10	0.976	-0.21	102	0.268	-11.44	194	0.121	-18.34	286	0.412	-7.70
12	0.965	-0.31	104	0.260	-11.70	196	0.115	-18.79	288	0.425	-7.43
14	0.952	-0.43	106	0.252	-11.97	198	0.109	-19.25	290	0.438	-7.17
16	0.939	-0.55	108	0.244	-12.25	200	0.103	-19.74	292	0.454	-6.86
18	0.926	-0.67	110	0.237	-12.51	202	0.101	-19.91	294	0.470	-6.56
20	0.912	-0.80	112	0.230	-12.77	204	0.099	-20.09	296	0.486	-6.27
22	0.895	-0.96	114	0.224	-13.00	206	0.098	-20.18	298	0.503	-5.97
24	0.877	-1.14	116	0.218	-13.23	208	0.098	-20.18	300	0.520	-5.68
26	0.859	-1.32	118	0.211	-13.51	210	0.099	-20.09	302	0.539	-5.37
28	0.841	-1.50	120	0.205	-13.76	212	0.104	-19.66	304	0.558	-5.07
30	0.822	-1.70	122	0.199	-14.02	214	0.110	-19.17	306	0.578	-4.76
32	0.802	-1.92	124	0.192	-14.33	216	0.116	-18.71	308	0.597	-4.48
34	0.782	-2.14	126	0.186	-14.61	218	0.123	-18.20	310	0.617	-4.19
36	0.762	-2.36	128	0.179	-14.94	220	0.130	-17.72	312	0.638	-3.90
38	0.742	-2.59	130	0.172	-15.29	222	0.139	-17.14	314	0.659	-3.62
40	0.721	-2.84	132	0.164	-15.70	224	0.147	-16.65	316	0.679	-3.36
42	0.700	-3.10	134	0.155	-16.19	226	0.155	-16.19	318	0.700	-3.10
44	0.679	-3.36	136	0.147	-16.65	228	0.164	-15.70	320	0.721	-2.84
46	0.659	-3.62	138	0.139	-17.14	230	0.172	-15.29	322	0.742	-2.59
48	0.638	-3.90	140	0.130	-17.72	232	0.179	-14.94	324	0.762	-2.36
50	0.617	-4.19	142	0.123	-18.20	234	0.186	-14.61	326	0.782	-2.14
52	0.597	-4.48	144	0.116	-18.71	236	0.192	-14.33	328	0.802	-1.92
54	0.578	-4.76	146	0.110	-19.17	238	0.199	-14.02	330	0.822	-1.70
56	0.558	-5.07	148	0.104	-19.66	240	0.205	-13.76	332	0.841	-1.50
58	0.539	-5.37	150	0.099	-20.09	242	0.211	-13.51	334	0.859	-1.32
60	0.520	-5.68	152	0.098	-20.18	244	0.218	-13.23	336	0.877	-1.14
62	0.503	-5.97	154	0.098	-20.18	246	0.224	-13.00	338	0.895	-0.96
64	0.486	-6.27	156	0.099	-20.09	248	0.230	-12.77	340	0.912	-0.80
66	0.470	-6.56	158	0.101	-19.91	250	0.237	-12.51	342	0.926	-0.67
68	0.454	-6.86	160	0.103	-19.74	252	0.244	-12.25	344	0.939	-0.55
70	0.438	-7.17	162	0.108	-19.33	254	0.252	-11.97	346	0.952	-0.43
72	0.425	-7.43	164	0.115	-18.79	256	0.260	-11.70	348	0.965	-0.31
74	0.412	-7.70	166	0.120	-18.42	258	0.268	-11.44	350	0.976	-0.21
76	0.399	-7.98	168	0.127	-17.92	260	0.276	-11.18	352	0.982	-0.16
78	0.387	-8.25	170	0.133	-17.52	262	0.285	-10.90	354	0.988	-0.10
80	0.375	-8.52	172	0.139	-17.14	264	0.294	-10.63	356	0.993	-0.06
82	0.364	-8.78	174	0.144	-16.83	266	0.304	-10.34	358	0.997	-0.03
84	0.354	-9.02	176	0.148	-16.59	268	0.313	-10.09	360	1.000	0.00
86	0.343	-9.29	178	0.151	-16.42	270	0.323	-9.82			
88	0.333	-9.55	180	0.151	-16.42	272	0.333	-9.55			
90	0.323	-9.82	182	0.151	-16.42	274	0.343	-9.29			

