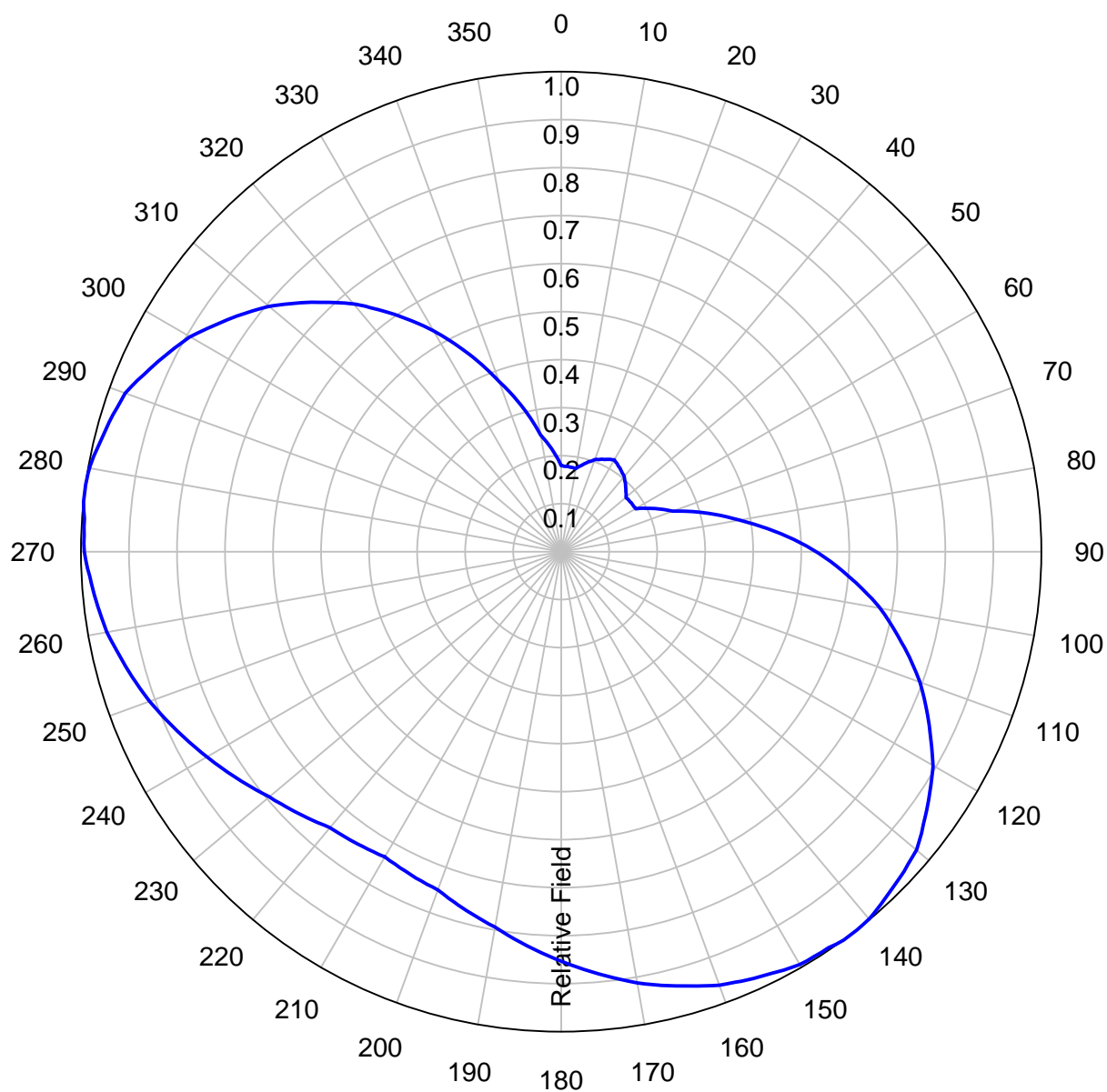


AZIMUTH PATTERN**Type:**ALP-PR**Channel:**33**Directivity:**NumericdBd**Peak(s) at:**1.922.83**Location:****Polarization:**Horizontal

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

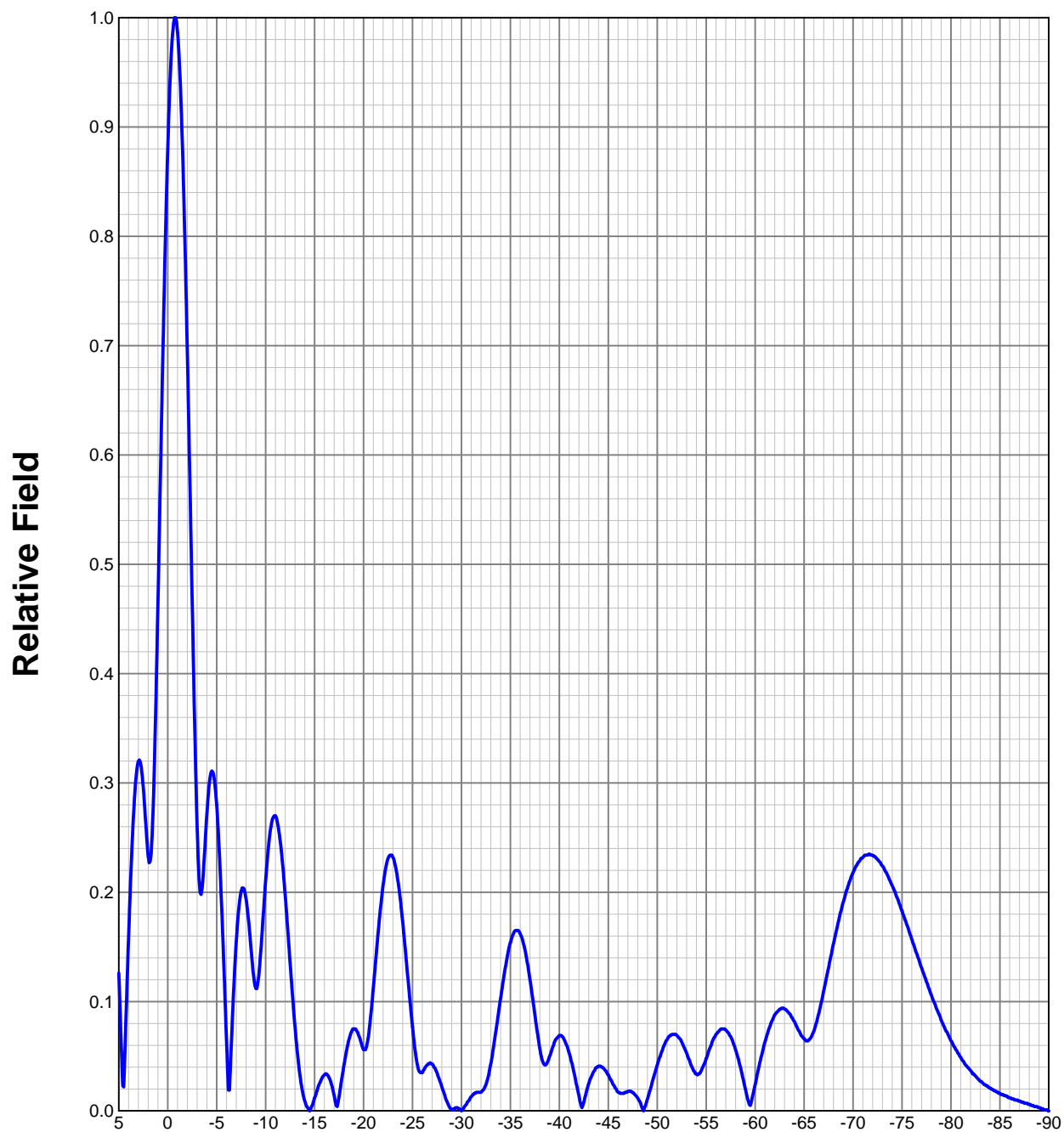


TABULATED DATA FOR AZIMUTH PATTERN

Type: ALP-PR

PolarizationHorizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.179	-14.94	92	0.560	-5.04	184	0.829	-1.63	276	1.000	0.00
2	0.178	-14.99	94	0.588	-4.61	186	0.818	-1.74	278	1.000	0.00
4	0.178	-14.99	96	0.617	-4.19	188	0.806	-1.87	280	0.998	-0.02
6	0.177	-15.04	98	0.645	-3.81	190	0.794	-2.00	282	0.992	-0.07
8	0.177	-15.04	100	0.674	-3.43	192	0.785	-2.10	284	0.985	-0.13
10	0.176	-15.09	102	0.698	-3.12	194	0.776	-2.20	286	0.979	-0.18
12	0.182	-14.80	104	0.722	-2.83	196	0.768	-2.29	288	0.972	-0.25
14	0.187	-14.56	106	0.747	-2.53	198	0.759	-2.40	290	0.966	-0.30
16	0.193	-14.29	108	0.771	-2.26	200	0.750	-2.50	292	0.952	-0.43
18	0.198	-14.07	110	0.795	-1.99	202	0.747	-2.53	294	0.937	-0.57
20	0.204	-13.81	112	0.815	-1.78	204	0.744	-2.57	296	0.923	-0.70
22	0.207	-13.68	114	0.835	-1.57	206	0.740	-2.62	298	0.908	-0.84
24	0.211	-13.51	116	0.854	-1.37	208	0.737	-2.65	300	0.894	-0.97
26	0.214	-13.39	118	0.874	-1.17	210	0.734	-2.69	302	0.874	-1.17
28	0.218	-13.23	120	0.894	-0.97	212	0.737	-2.65	304	0.854	-1.37
30	0.221	-13.11	122	0.908	-0.84	214	0.740	-2.62	306	0.835	-1.57
32	0.218	-13.23	124	0.923	-0.70	216	0.744	-2.57	308	0.815	-1.78
34	0.214	-13.39	126	0.937	-0.57	218	0.747	-2.53	310	0.795	-1.99
36	0.211	-13.51	128	0.952	-0.43	220	0.750	-2.50	312	0.771	-2.26
38	0.207	-13.68	130	0.966	-0.30	222	0.759	-2.40	314	0.747	-2.53
40	0.204	-13.81	132	0.972	-0.25	224	0.768	-2.29	316	0.722	-2.83
42	0.198	-14.07	134	0.979	-0.18	226	0.776	-2.20	318	0.698	-3.12
44	0.193	-14.29	136	0.985	-0.13	228	0.785	-2.10	320	0.674	-3.43
46	0.187	-14.56	138	0.992	-0.07	230	0.794	-2.00	322	0.645	-3.81
48	0.182	-14.80	140	0.998	-0.02	232	0.806	-1.87	324	0.617	-4.19
50	0.176	-15.09	142	1.000	0.00	234	0.818	-1.74	326	0.588	-4.61
52	0.177	-15.04	144	1.000	0.00	236	0.829	-1.63	328	0.560	-5.04
54	0.177	-15.04	146	0.995	-0.04	238	0.841	-1.50	330	0.531	-5.50
56	0.178	-14.99	148	0.994	-0.05	240	0.853	-1.38	332	0.500	-6.02
58	0.178	-14.99	150	0.993	-0.06	242	0.865	-1.26	334	0.469	-6.58
60	0.179	-14.94	152	0.987	-0.11	244	0.877	-1.14	336	0.439	-7.15
62	0.193	-14.29	154	0.980	-0.18	246	0.888	-1.03	338	0.408	-7.79
64	0.206	-13.72	156	0.974	-0.23	248	0.900	-0.92	340	0.377	-8.47
66	0.220	-13.15	158	0.967	-0.29	250	0.912	-0.80	342	0.351	-9.09
68	0.233	-12.65	160	0.961	-0.35	252	0.922	-0.71	344	0.325	-9.76
70	0.247	-12.15	162	0.951	-0.44	254	0.932	-0.61	346	0.299	-10.49
72	0.273	-11.28	164	0.941	-0.53	256	0.941	-0.53	348	0.273	-11.28
74	0.299	-10.49	166	0.932	-0.61	258	0.951	-0.44	350	0.247	-12.15
76	0.325	-9.76	168	0.922	-0.71	260	0.961	-0.35	352	0.233	-12.65
78	0.351	-9.09	170	0.912	-0.80	262	0.967	-0.29	354	0.220	-13.15
80	0.377	-8.47	172	0.900	-0.92	264	0.974	-0.23	356	0.206	-13.72
82	0.408	-7.79	174	0.888	-1.03	266	0.980	-0.18	358	0.193	-14.29
84	0.439	-7.15	176	0.877	-1.14	268	0.987	-0.11	360	0.179	-14.94
86	0.469	-6.58	178	0.865	-1.26	270	0.993	-0.06			
88	0.500	-6.02	180	0.853	-1.38	272	0.994	-0.05			
90	0.531	-5.50	182	0.841	-1.50	274	0.995	-0.04			

ELEVATION PATTERN**Type:****ALP16M3****Channel:****33****Directivity:****Numeric****dBd****Location:****Main Lobe:****16.59****12.20****Beam Tilt:****-0.75****Horizontal:****12.85****11.09****Polarization:****Horizontal**

TABULATED DATA FOR ELEVATION PATTERN

Type: ALP16M3

PolarizationHorizontal

ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB
5.00	0.126	-17.99	-6.75	0.113	-18.90	-27.00	0.043	-27.33	-50.50
4.75	0.060	-24.36	-7.00	0.155	-16.19	-27.50	0.035	-29.12	-51.00
4.50	0.022	-33.15	-7.25	0.184	-14.68	-28.00	0.022	-33.15	-51.50
4.25	0.089	-20.96	-7.50	0.201	-13.94	-28.50	0.009	-40.92	-52.00
4.00	0.159	-15.97	-7.75	0.204	-13.83	-29.00	0.001	-60.00	-52.50
3.75	0.221	-13.13	-8.00	0.194	-14.24	-29.50	0.003	-50.46	-53.00
3.50	0.270	-11.37	-8.25	0.174	-15.16	-30.00	0.000	-40.00	-53.50
3.25	0.304	-10.34	-8.50	0.149	-16.54	-30.50	0.006	-44.44	-54.00
3.00	0.320	-9.90	-8.75	0.125	-18.06	-31.00	0.013	-37.72	-54.50
2.75	0.317	-9.99	-9.00	0.112	-19.02	-31.50	0.017	-35.39	-55.00
2.50	0.296	-10.57	-9.25	0.120	-18.38	-32.00	0.017	-35.39	-55.50
2.25	0.264	-11.58	-9.50	0.146	-16.71	-32.50	0.024	-32.40	-56.00
2.00	0.233	-12.65	-9.75	0.178	-14.97	-33.00	0.043	-27.33	-56.50
1.75	0.231	-12.71	-10.00	0.211	-13.51	-33.50	0.072	-22.85	-57.00
1.50	0.274	-11.24	-10.50	0.258	-11.77	-34.00	0.103	-19.74	-57.50
1.25	0.359	-8.90	-11.00	0.270	-11.37	-34.50	0.132	-17.59	-58.00
1.00	0.465	-6.65	-11.50	0.246	-12.18	-35.00	0.154	-16.25	-58.50
0.75	0.580	-4.74	-12.00	0.197	-14.11	-35.50	0.165	-15.65	-59.00
0.50	0.692	-3.20	-12.50	0.135	-17.39	-36.00	0.162	-15.81	-59.50
0.25	0.794	-2.00	-13.00	0.077	-22.27	-36.50	0.147	-16.65	-60.00
0.00	0.880	-1.11	-13.50	0.033	-29.63	-37.00	0.120	-18.42	-60.50
-0.25	0.945	-0.49	-14.00	0.009	-40.92	-37.50	0.088	-21.11	-61.00
-0.50	0.986	-0.12	-14.50	0.000	-40.00	-38.00	0.057	-24.88	-61.50
-0.75	1.000	0.00	-15.00	0.012	-38.42	-38.50	0.042	-27.54	-62.00
-1.00	0.987	-0.11	-15.50	0.025	-32.04	-39.00	0.050	-26.02	-62.50
-1.25	0.947	-0.48	-16.00	0.033	-29.63	-39.50	0.063	-24.01	-63.00
-1.50	0.883	-1.08	-16.50	0.030	-30.46	-40.00	0.069	-23.22	-63.50
-1.75	0.796	-1.98	-17.00	0.014	-37.08	-40.50	0.065	-23.74	-64.00
-2.00	0.694	-3.17	-17.50	0.013	-37.72	-41.00	0.053	-25.51	-64.50
-2.25	0.582	-4.71	-18.00	0.042	-27.54	-41.50	0.035	-29.12	-65.00
-2.50	0.465	-6.65	-18.50	0.065	-23.74	-42.00	0.014	-37.08	-65.50
-2.75	0.354	-9.02	-19.00	0.075	-22.50	-42.50	0.008	-41.94	-66.00
-3.00	0.260	-11.70	-19.50	0.069	-23.22	-43.00	0.025	-32.04	-66.50
-3.25	0.206	-13.72	-20.00	0.056	-25.04	-43.50	0.036	-28.87	-67.00
-3.50	0.203	-13.85	-20.50	0.068	-23.35	-44.00	0.041	-27.74	-67.50
-3.75	0.234	-12.60	-21.00	0.113	-18.94	-44.50	0.039	-28.18	-68.00
-4.00	0.272	-11.31	-21.50	0.164	-15.70	-45.00	0.033	-29.63	-68.50
-4.25	0.300	-10.46	-22.00	0.207	-13.68	-45.50	0.024	-32.40	-69.00
-4.50	0.311	-10.14	-22.50	0.231	-12.73	-46.00	0.017	-35.39	-69.50
-4.75	0.303	-10.36	-23.00	0.232	-12.69	-46.50	0.016	-35.92	-70.00
-5.00	0.280	-11.06	-23.50	0.211	-13.51	-47.00	0.018	-34.89	-70.50
-5.25	0.239	-12.41	-24.00	0.173	-15.24	-47.50	0.017	-35.39	-71.00
-5.50	0.188	-14.52	-24.50	0.124	-18.13	-48.00	0.012	-38.42	-71.50
-5.75	0.129	-17.82	-25.00	0.077	-22.27	-48.50	0.002	-53.98	-72.00
-6.00	0.065	-23.74	-25.50	0.042	-27.54	-49.00	0.011	-39.17	-72.50
-6.25	0.019	-34.42	-26.00	0.035	-29.12	-49.50	0.027	-31.37	-73.00
-6.50	0.062	-24.15	-26.50	0.042	-27.54	-50.00	0.042	-27.54	-73.50