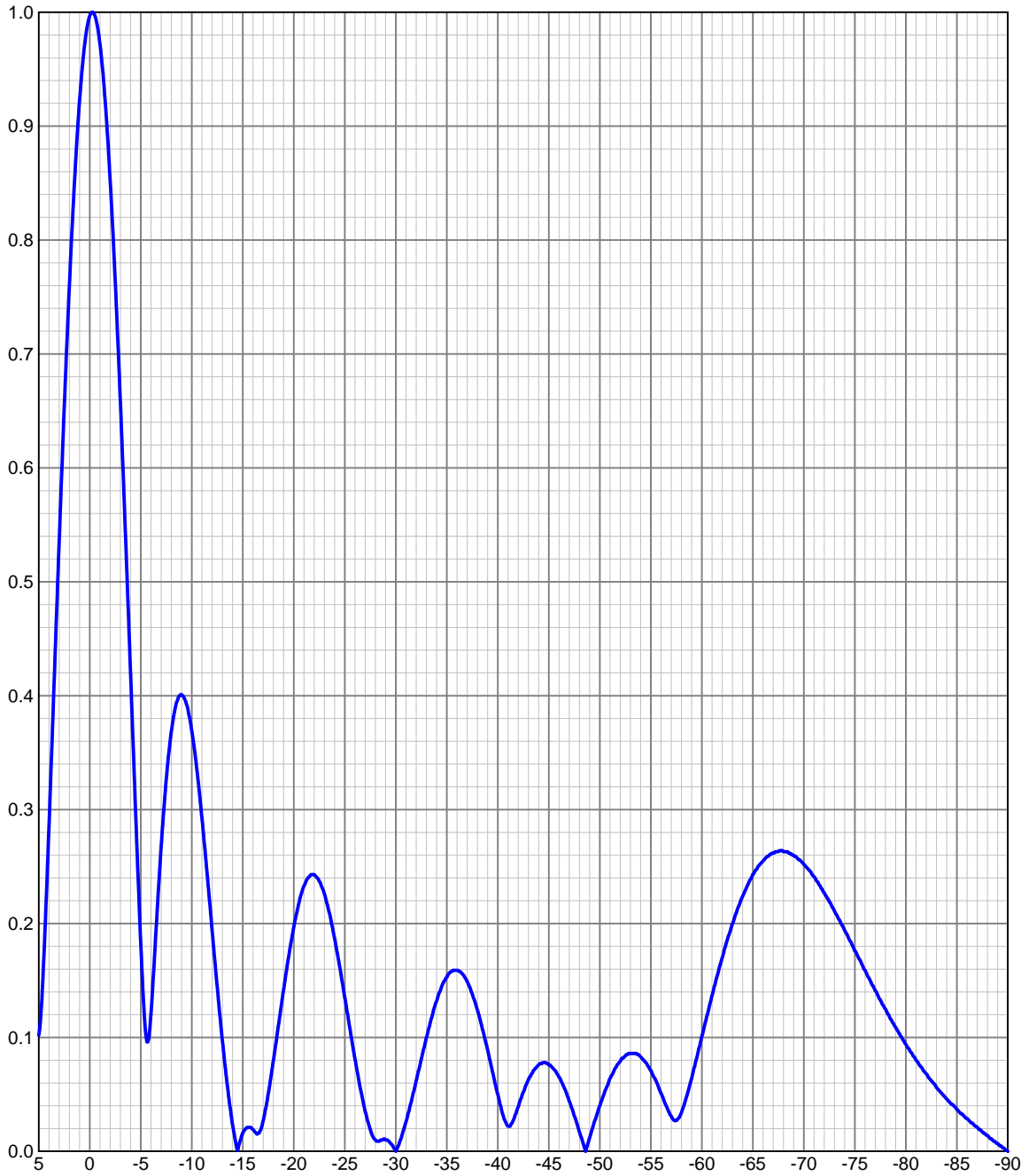


ELEVATION PATTERN

Type:	ALP8L1		Channel:	36
Directivity:	Numeric	dBd	Location:	
Main Lobe:	9.05	9.57	Beam Tilt:	-0.25
Horizontal:	9.00	9.54	Polarization:	Horizontal

Relative Field



Preliminary, subject to final design and review.

TABULATED DATA FOR ELEVATION PATTERN

Type: ALP8L1

PolarizationHorizontal

ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB
5.00	0.102	-19.83	-6.75	0.232	-12.67	-27.00	0.035	-29.12	-50.50
4.75	0.126	-17.99	-7.00	0.268	-11.44	-27.50	0.019	-34.42	-51.00
4.50	0.171	-15.34	-7.25	0.299	-10.49	-28.00	0.010	-40.00	-51.50
4.25	0.225	-12.94	-7.50	0.327	-9.71	-28.50	0.010	-40.00	-52.00
4.00	0.285	-10.90	-7.75	0.350	-9.12	-29.00	0.010	-40.00	-52.50
3.75	0.348	-9.18	-8.00	0.369	-8.66	-29.50	0.007	-43.10	-53.00
3.50	0.411	-7.72	-8.25	0.384	-8.32	-30.00	0.000	-40.00	-53.50
3.25	0.474	-6.49	-8.50	0.394	-8.09	-30.50	0.011	-39.17	-54.00
3.00	0.535	-5.43	-8.75	0.400	-7.97	-31.00	0.026	-31.70	-54.50
2.75	0.595	-4.50	-9.00	0.401	-7.94	-31.50	0.043	-27.33	-55.00
2.50	0.654	-3.69	-9.25	0.398	-8.00	-32.00	0.062	-24.15	-55.50
2.25	0.708	-2.99	-9.50	0.392	-8.13	-32.50	0.081	-21.83	-56.00
2.00	0.760	-2.38	-9.75	0.382	-8.36	-33.00	0.100	-20.00	-56.50
1.75	0.808	-1.85	-10.00	0.369	-8.66	-33.50	0.117	-18.64	-57.00
1.50	0.851	-1.40	-10.50	0.335	-9.50	-34.00	0.132	-17.59	-57.50
1.25	0.889	-1.02	-11.00	0.292	-10.69	-34.50	0.145	-16.77	-58.00
1.00	0.923	-0.70	-11.50	0.244	-12.25	-35.00	0.153	-16.31	-58.50
0.75	0.950	-0.45	-12.00	0.193	-14.29	-35.50	0.158	-16.03	-59.00
0.50	0.972	-0.25	-12.50	0.144	-16.83	-36.00	0.159	-15.97	-59.50
0.25	0.988	-0.11	-13.00	0.097	-20.26	-36.50	0.156	-16.14	-60.00
0.00	0.997	-0.03	-13.50	0.057	-24.88	-37.00	0.149	-16.54	-60.50
-0.25	1.000	0.00	-14.00	0.023	-32.77	-37.50	0.138	-17.20	-61.00
-0.50	0.997	-0.03	-14.50	0.001	-60.00	-38.00	0.124	-18.13	-61.50
-0.75	0.988	-0.11	-15.00	0.016	-35.92	-38.50	0.107	-19.41	-62.00
-1.00	0.972	-0.25	-15.50	0.021	-33.56	-39.00	0.089	-21.01	-62.50
-1.25	0.950	-0.44	-16.00	0.019	-34.42	-39.50	0.069	-23.22	-63.00
-1.50	0.923	-0.70	-16.50	0.016	-35.92	-40.00	0.050	-26.02	-63.50
-1.75	0.890	-1.01	-17.00	0.027	-31.37	-40.50	0.032	-29.90	-64.00
-2.00	0.852	-1.39	-17.50	0.051	-25.85	-41.00	0.022	-33.15	-64.50
-2.25	0.810	-1.83	-18.00	0.080	-21.94	-41.50	0.027	-31.37	-65.00
-2.50	0.763	-2.35	-18.50	0.111	-19.09	-42.00	0.039	-28.18	-65.50
-2.75	0.712	-2.96	-19.00	0.142	-16.95	-42.50	0.052	-25.68	-66.00
-3.00	0.658	-3.64	-19.50	0.171	-15.34	-43.00	0.063	-24.01	-66.50
-3.25	0.601	-4.43	-20.00	0.197	-14.11	-43.50	0.071	-22.97	-67.00
-3.50	0.541	-5.34	-20.50	0.218	-13.23	-44.00	0.076	-22.38	-67.50
-3.75	0.481	-6.37	-21.00	0.233	-12.65	-44.50	0.078	-22.16	-68.00
-4.00	0.419	-7.56	-21.50	0.241	-12.36	-45.00	0.076	-22.38	-68.50
-4.25	0.357	-8.93	-22.00	0.243	-12.29	-45.50	0.072	-22.85	-69.00
-4.50	0.296	-10.57	-22.50	0.237	-12.51	-46.00	0.065	-23.74	-69.50
-4.75	0.237	-12.49	-23.00	0.226	-12.92	-46.50	0.056	-25.04	-70.00
-5.00	0.182	-14.80	-23.50	0.209	-13.60	-47.00	0.044	-27.13	-70.50
-5.25	0.135	-17.43	-24.00	0.187	-14.56	-47.50	0.031	-30.17	-71.00
-5.50	0.102	-19.83	-24.50	0.162	-15.81	-48.00	0.017	-35.39	-71.50
-5.75	0.098	-20.18	-25.00	0.135	-17.39	-48.50	0.003	-50.46	-72.00
-6.00	0.121	-18.34	-25.50	0.108	-19.33	-49.00	0.012	-38.42	-72.50
-6.25	0.157	-16.11	-26.00	0.081	-21.83	-49.50	0.027	-31.37	-73.00
-6.50	0.195	-14.20	-26.50	0.056	-25.04	-50.00	0.040	-27.96	-73.50

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