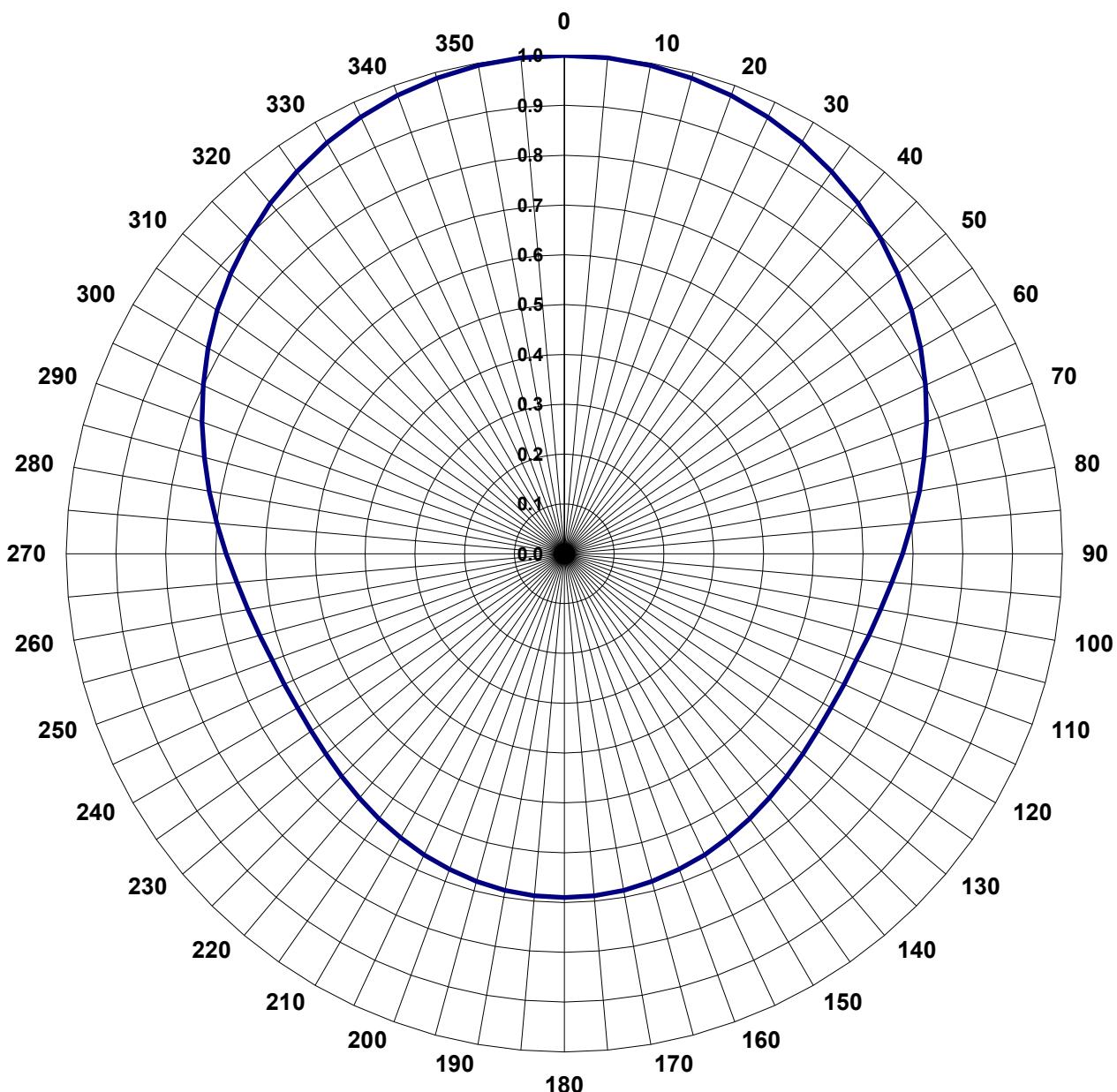


AZIMUTH PATTERN

TYPE:	ALV-OC-H RF Channel 7	
Numeric		dB
Directivity:	1.66	(2.20)
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	7	
Location:		

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

Relative Field



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 7

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.671	-3.47	184	0.689	-3.24	276	0.705	-3.04
2	1.000	0.00	94	0.664	-3.56	186	0.688	-3.25	278	0.714	-2.93
4	0.999	-0.01	96	0.657	-3.65	188	0.687	-3.26	280	0.724	-2.81
6	0.998	-0.02	98	0.651	-3.73	190	0.686	-3.27	282	0.733	-2.70
8	0.997	-0.03	100	0.645	-3.81	192	0.684	-3.30	284	0.743	-2.58
10	0.995	-0.04	102	0.640	-3.88	194	0.682	-3.32	286	0.753	-2.46
12	0.992	-0.07	104	0.635	-3.94	196	0.680	-3.35	288	0.764	-2.34
14	0.990	-0.09	106	0.631	-4.00	198	0.677	-3.39	290	0.774	-2.23
16	0.986	-0.12	108	0.627	-4.05	200	0.674	-3.43	292	0.784	-2.11
18	0.983	-0.15	110	0.624	-4.10	202	0.671	-3.47	294	0.795	-1.99
20	0.979	-0.18	112	0.622	-4.12	204	0.668	-3.50	296	0.805	-1.88
22	0.974	-0.23	114	0.620	-4.15	206	0.665	-3.54	298	0.815	-1.78
24	0.970	-0.26	116	0.619	-4.17	208	0.661	-3.60	300	0.826	-1.66
26	0.964	-0.32	118	0.618	-4.18	210	0.658	-3.64	302	0.836	-1.56
28	0.959	-0.36	120	0.618	-4.18	212	0.654	-3.69	304	0.846	-1.45
30	0.953	-0.42	122	0.619	-4.17	214	0.651	-3.73	306	0.855	-1.36
32	0.947	-0.47	124	0.620	-4.15	216	0.647	-3.78	308	0.865	-1.26
34	0.940	-0.54	126	0.621	-4.14	218	0.643	-3.84	310	0.874	-1.17
36	0.933	-0.60	128	0.623	-4.11	220	0.640	-3.88	312	0.884	-1.07
38	0.925	-0.68	130	0.625	-4.08	222	0.636	-3.93	314	0.893	-0.98
40	0.918	-0.74	132	0.627	-4.05	224	0.633	-3.97	316	0.901	-0.91
42	0.910	-0.82	134	0.630	-4.01	226	0.630	-4.01	318	0.910	-0.82
44	0.901	-0.91	136	0.633	-3.97	228	0.627	-4.05	320	0.918	-0.74
46	0.893	-0.98	138	0.636	-3.93	230	0.625	-4.08	322	0.925	-0.68
48	0.884	-1.07	140	0.640	-3.88	232	0.623	-4.11	324	0.933	-0.60
50	0.874	-1.17	142	0.643	-3.84	234	0.621	-4.14	326	0.940	-0.54
52	0.865	-1.26	144	0.647	-3.78	236	0.620	-4.15	328	0.947	-0.47
54	0.855	-1.36	146	0.651	-3.73	238	0.619	-4.17	330	0.953	-0.42
56	0.846	-1.45	148	0.654	-3.69	240	0.618	-4.18	332	0.959	-0.36
58	0.836	-1.56	150	0.658	-3.64	242	0.618	-4.18	334	0.964	-0.32
60	0.826	-1.66	152	0.661	-3.60	244	0.619	-4.17	336	0.970	-0.26
62	0.815	-1.78	154	0.665	-3.54	246	0.620	-4.15	338	0.974	-0.23
64	0.805	-1.88	156	0.668	-3.50	248	0.622	-4.12	340	0.979	-0.18
66	0.795	-1.99	158	0.671	-3.47	250	0.624	-4.10	342	0.983	-0.15
68	0.784	-2.11	160	0.674	-3.43	252	0.627	-4.05	344	0.986	-0.12
70	0.774	-2.23	162	0.677	-3.39	254	0.631	-4.00	346	0.990	-0.09
72	0.764	-2.34	164	0.680	-3.35	256	0.635	-3.94	348	0.992	-0.07
74	0.753	-2.46	166	0.682	-3.32	258	0.640	-3.88	350	0.995	-0.04
76	0.743	-2.58	168	0.684	-3.30	260	0.645	-3.81	352	0.997	-0.03
78	0.733	-2.70	170	0.686	-3.27	262	0.651	-3.73	354	0.998	-0.02
80	0.724	-2.81	172	0.687	-3.26	264	0.657	-3.65	356	0.999	-0.01
82	0.714	-2.93	174	0.688	-3.25	266	0.664	-3.56	358	1.000	0.00
84	0.705	-3.04	176	0.689	-3.24	268	0.671	-3.47	360	1.000	0.00
86	0.696	-3.15	178	0.690	-3.22	270	0.679	-3.36			
88	0.687	-3.26	180	0.690	-3.22	272	0.687	-3.26			
90	0.679	-3.36	182	0.690	-3.22	274	0.696	-3.15			

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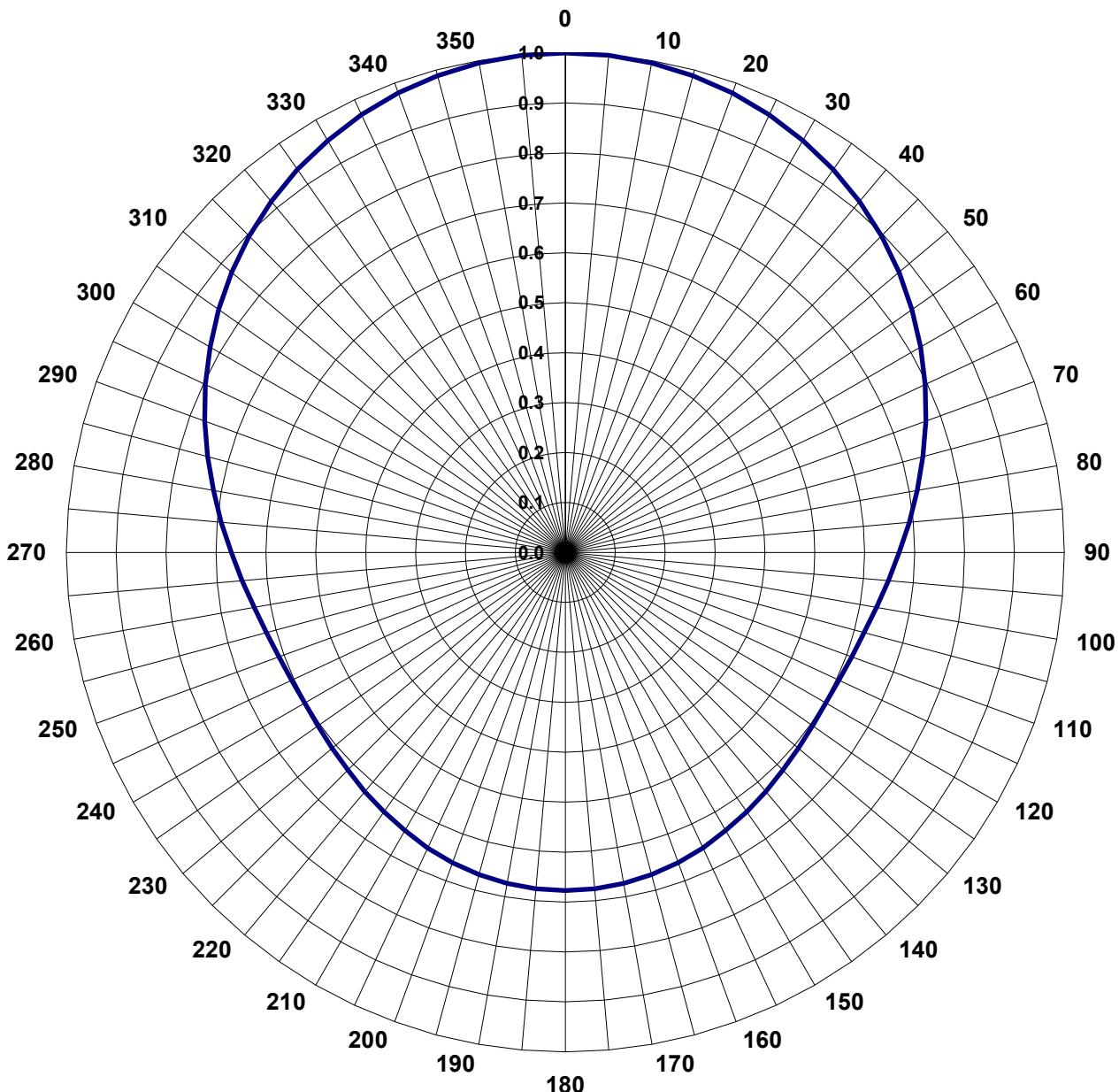
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AZIMUTH PATTERN

TYPE:	ALV-OC-H RF Channel 8	
	Numeric	dB
Directivity:	1.70	(2.29)
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	8	
Location:		

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

Relative Field



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 8

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.661	-3.60	184	0.676	-3.40	276	0.697	-3.14
2	1.000	0.00	94	0.653	-3.70	186	0.675	-3.41	278	0.706	-3.02
4	0.999	-0.01	96	0.646	-3.80	188	0.674	-3.43	280	0.716	-2.90
6	0.998	-0.02	98	0.639	-3.89	190	0.673	-3.44	282	0.727	-2.77
8	0.997	-0.03	100	0.633	-3.97	192	0.671	-3.47	284	0.737	-2.65
10	0.995	-0.04	102	0.627	-4.05	194	0.669	-3.49	286	0.748	-2.52
12	0.992	-0.07	104	0.622	-4.12	196	0.666	-3.53	288	0.758	-2.41
14	0.990	-0.09	106	0.618	-4.18	198	0.664	-3.56	290	0.769	-2.28
16	0.986	-0.12	108	0.614	-4.24	200	0.661	-3.60	292	0.780	-2.16
18	0.983	-0.15	110	0.611	-4.28	202	0.658	-3.64	294	0.791	-2.04
20	0.979	-0.18	112	0.608	-4.32	204	0.654	-3.69	296	0.801	-1.93
22	0.974	-0.23	114	0.606	-4.35	206	0.651	-3.73	298	0.812	-1.81
24	0.969	-0.27	116	0.604	-4.38	208	0.647	-3.78	300	0.822	-1.70
26	0.964	-0.32	118	0.604	-4.38	210	0.643	-3.84	302	0.833	-1.59
28	0.958	-0.37	120	0.603	-4.39	212	0.640	-3.88	304	0.843	-1.48
30	0.952	-0.43	122	0.604	-4.38	214	0.636	-3.93	306	0.853	-1.38
32	0.946	-0.48	124	0.604	-4.38	216	0.632	-3.99	308	0.863	-1.28
34	0.939	-0.55	126	0.606	-4.35	218	0.628	-4.04	310	0.873	-1.18
36	0.932	-0.61	128	0.607	-4.34	220	0.625	-4.08	312	0.882	-1.09
38	0.925	-0.68	130	0.610	-4.29	222	0.621	-4.14	314	0.891	-1.00
40	0.917	-0.75	132	0.612	-4.26	224	0.618	-4.18	316	0.900	-0.92
42	0.908	-0.84	134	0.615	-4.22	226	0.615	-4.22	318	0.908	-0.84
44	0.900	-0.92	136	0.618	-4.18	228	0.612	-4.26	320	0.917	-0.75
46	0.891	-1.00	138	0.621	-4.14	230	0.610	-4.29	322	0.925	-0.68
48	0.882	-1.09	140	0.625	-4.08	232	0.607	-4.34	324	0.932	-0.61
50	0.873	-1.18	142	0.628	-4.04	234	0.606	-4.35	326	0.939	-0.55
52	0.863	-1.28	144	0.632	-3.99	236	0.604	-4.38	328	0.946	-0.48
54	0.853	-1.38	146	0.636	-3.93	238	0.604	-4.38	330	0.952	-0.43
56	0.843	-1.48	148	0.640	-3.88	240	0.603	-4.39	332	0.958	-0.37
58	0.833	-1.59	150	0.643	-3.84	242	0.604	-4.38	334	0.964	-0.32
60	0.822	-1.70	152	0.647	-3.78	244	0.604	-4.38	336	0.969	-0.27
62	0.812	-1.81	154	0.651	-3.73	246	0.606	-4.35	338	0.974	-0.23
64	0.801	-1.93	156	0.654	-3.69	248	0.608	-4.32	340	0.979	-0.18
66	0.791	-2.04	158	0.658	-3.64	250	0.611	-4.28	342	0.983	-0.15
68	0.780	-2.16	160	0.661	-3.60	252	0.614	-4.24	344	0.986	-0.12
70	0.769	-2.28	162	0.664	-3.56	254	0.618	-4.18	346	0.990	-0.09
72	0.758	-2.41	164	0.666	-3.53	256	0.622	-4.12	348	0.992	-0.07
74	0.748	-2.52	166	0.669	-3.49	258	0.627	-4.05	350	0.995	-0.04
76	0.737	-2.65	168	0.671	-3.47	260	0.633	-3.97	352	0.997	-0.03
78	0.727	-2.77	170	0.673	-3.44	262	0.639	-3.89	354	0.998	-0.02
80	0.716	-2.90	172	0.674	-3.43	264	0.646	-3.80	356	0.999	-0.01
82	0.706	-3.02	174	0.675	-3.41	266	0.653	-3.70	358	1.000	0.00
84	0.697	-3.14	176	0.676	-3.40	268	0.661	-3.60	360	1.000	0.00
86	0.687	-3.26	178	0.677	-3.39	270	0.669	-3.49			
88	0.678	-3.38	180	0.677	-3.39	272	0.678	-3.38			
90	0.669	-3.49	182	0.677	-3.39	274	0.687	-3.26			

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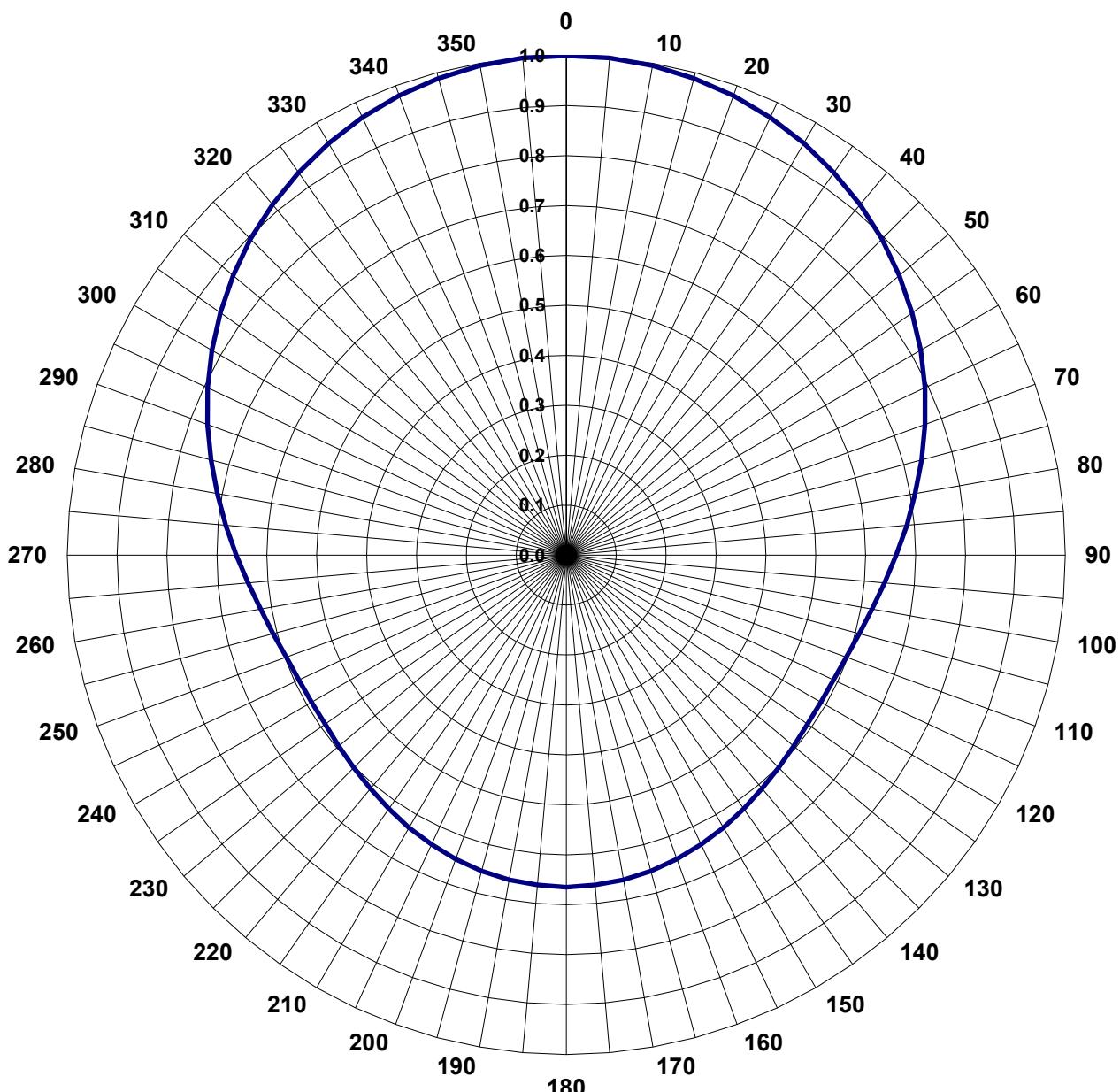
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AZIMUTH PATTERN

TYPE:	ALV-OC-H RF Channel 9	
	Numeric	dB
Directivity:	1.72	(2.37)
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	9	
Location:		

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

Relative Field



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Your Single Source for Broadcast Solutions™

TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 9

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.652	-3.72	184	0.664	-3.56	276	0.690	-3.22
2	1.000	0.00	94	0.644	-3.82	186	0.663	-3.57	278	0.700	-3.10
4	0.999	-0.01	96	0.636	-3.93	188	0.662	-3.58	280	0.710	-2.97
6	0.998	-0.02	98	0.629	-4.03	190	0.660	-3.61	282	0.721	-2.84
8	0.997	-0.03	100	0.622	-4.12	192	0.658	-3.64	284	0.732	-2.71
10	0.995	-0.04	102	0.616	-4.21	194	0.656	-3.66	286	0.743	-2.58
12	0.992	-0.07	104	0.610	-4.29	196	0.654	-3.69	288	0.754	-2.45
14	0.989	-0.10	106	0.605	-4.36	198	0.651	-3.73	290	0.765	-2.33
16	0.986	-0.12	108	0.601	-4.42	200	0.648	-3.77	292	0.776	-2.20
18	0.983	-0.15	110	0.597	-4.48	202	0.644	-3.82	294	0.787	-2.08
20	0.979	-0.18	112	0.595	-4.51	204	0.641	-3.86	296	0.798	-1.96
22	0.974	-0.23	114	0.592	-4.55	206	0.637	-3.92	298	0.809	-1.84
24	0.969	-0.27	116	0.591	-4.57	208	0.634	-3.96	300	0.820	-1.72
26	0.964	-0.32	118	0.589	-4.60	210	0.630	-4.01	302	0.831	-1.61
28	0.958	-0.37	120	0.589	-4.60	212	0.626	-4.07	304	0.841	-1.50
30	0.952	-0.43	122	0.589	-4.60	214	0.622	-4.12	306	0.851	-1.40
32	0.946	-0.48	124	0.590	-4.58	216	0.618	-4.18	308	0.861	-1.30
34	0.939	-0.55	126	0.591	-4.57	218	0.614	-4.24	310	0.871	-1.20
36	0.932	-0.61	128	0.593	-4.54	220	0.610	-4.29	312	0.881	-1.10
38	0.924	-0.69	130	0.595	-4.51	222	0.607	-4.34	314	0.890	-1.01
40	0.916	-0.76	132	0.597	-4.48	224	0.603	-4.39	316	0.899	-0.92
42	0.908	-0.84	134	0.600	-4.44	226	0.600	-4.44	318	0.908	-0.84
44	0.899	-0.92	136	0.603	-4.39	228	0.597	-4.48	320	0.916	-0.76
46	0.890	-1.01	138	0.607	-4.34	230	0.595	-4.51	322	0.924	-0.69
48	0.881	-1.10	140	0.610	-4.29	232	0.593	-4.54	324	0.932	-0.61
50	0.871	-1.20	142	0.614	-4.24	234	0.591	-4.57	326	0.939	-0.55
52	0.861	-1.30	144	0.618	-4.18	236	0.590	-4.58	328	0.946	-0.48
54	0.851	-1.40	146	0.622	-4.12	238	0.589	-4.60	330	0.952	-0.43
56	0.841	-1.50	148	0.626	-4.07	240	0.589	-4.60	332	0.958	-0.37
58	0.831	-1.61	150	0.630	-4.01	242	0.589	-4.60	334	0.964	-0.32
60	0.820	-1.72	152	0.634	-3.96	244	0.591	-4.57	336	0.969	-0.27
62	0.809	-1.84	154	0.637	-3.92	246	0.592	-4.55	338	0.974	-0.23
64	0.798	-1.96	156	0.641	-3.86	248	0.595	-4.51	340	0.979	-0.18
66	0.787	-2.08	158	0.644	-3.82	250	0.597	-4.48	342	0.983	-0.15
68	0.776	-2.20	160	0.648	-3.77	252	0.601	-4.42	344	0.986	-0.12
70	0.765	-2.33	162	0.651	-3.73	254	0.605	-4.36	346	0.989	-0.10
72	0.754	-2.45	164	0.654	-3.69	256	0.610	-4.29	348	0.992	-0.07
74	0.743	-2.58	166	0.656	-3.66	258	0.616	-4.21	350	0.995	-0.04
76	0.732	-2.71	168	0.658	-3.64	260	0.622	-4.12	352	0.997	-0.03
78	0.721	-2.84	170	0.660	-3.61	262	0.629	-4.03	354	0.998	-0.02
80	0.710	-2.97	172	0.662	-3.58	264	0.636	-3.93	356	0.999	-0.01
82	0.700	-3.10	174	0.663	-3.57	266	0.644	-3.82	358	1.000	0.00
84	0.690	-3.22	176	0.664	-3.56	268	0.652	-3.72	360	1.000	0.00
86	0.680	-3.35	178	0.664	-3.56	270	0.661	-3.60			
88	0.670	-3.48	180	0.665	-3.54	272	0.670	-3.48			
90	0.661	-3.60	182	0.664	-3.56	274	0.680	-3.35			

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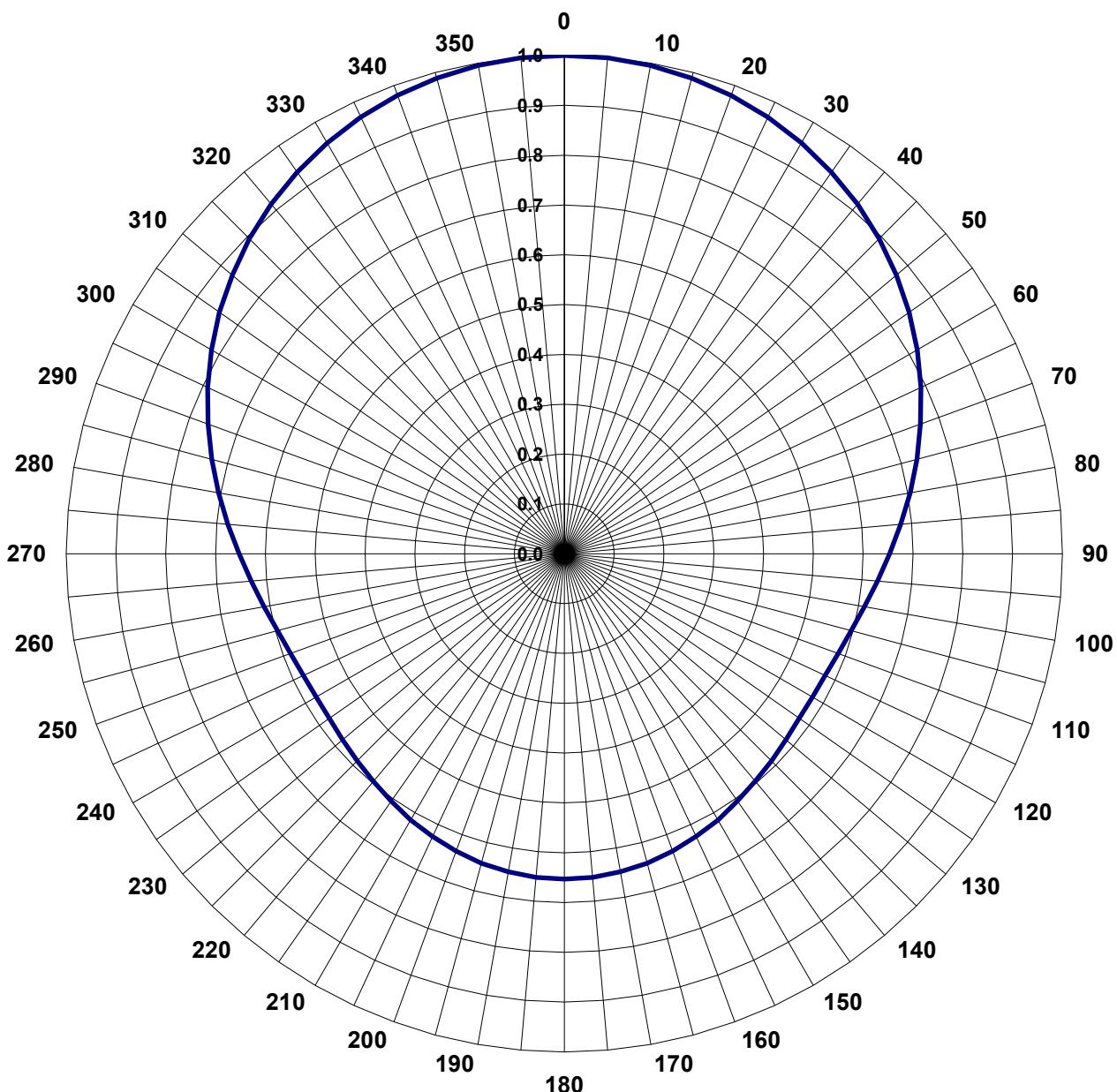
Your Single Source for Broadcast Solutions™

AZIMUTH PATTERN

TYPE:	ALV-OC-H RF Channel 10	
Numeric		dB
Directivity:	1.75	(2.43)
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	10	
Location:		

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

Relative Field



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 10

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.644	-3.82	184	0.652	-3.72	276	0.683	-3.31
2	1.000	0.00	94	0.635	-3.94	186	0.651	-3.73	278	0.694	-3.17
4	0.999	-0.01	96	0.627	-4.05	188	0.650	-3.74	280	0.705	-3.04
6	0.998	-0.02	98	0.619	-4.17	190	0.648	-3.77	282	0.716	-2.90
8	0.997	-0.03	100	0.612	-4.26	192	0.646	-3.80	284	0.727	-2.77
10	0.995	-0.04	102	0.605	-4.36	194	0.644	-3.82	286	0.739	-2.63
12	0.992	-0.07	104	0.599	-4.45	196	0.641	-3.86	288	0.750	-2.50
14	0.989	-0.10	106	0.594	-4.52	198	0.638	-3.90	290	0.761	-2.37
16	0.986	-0.12	108	0.589	-4.60	200	0.635	-3.94	292	0.773	-2.24
18	0.983	-0.15	110	0.585	-4.66	202	0.632	-3.99	294	0.784	-2.11
20	0.979	-0.18	112	0.582	-4.70	204	0.628	-4.04	296	0.796	-1.98
22	0.974	-0.23	114	0.579	-4.75	206	0.624	-4.10	298	0.807	-1.86
24	0.969	-0.27	116	0.577	-4.78	208	0.621	-4.14	300	0.818	-1.74
26	0.964	-0.32	118	0.576	-4.79	210	0.617	-4.19	302	0.829	-1.63
28	0.958	-0.37	120	0.575	-4.81	212	0.612	-4.26	304	0.840	-1.51
30	0.952	-0.43	122	0.575	-4.81	214	0.608	-4.32	306	0.850	-1.41
32	0.946	-0.48	124	0.576	-4.79	216	0.604	-4.38	308	0.860	-1.31
34	0.939	-0.55	126	0.577	-4.78	218	0.600	-4.44	310	0.870	-1.21
36	0.931	-0.62	128	0.579	-4.75	220	0.596	-4.50	312	0.880	-1.11
38	0.924	-0.69	130	0.581	-4.72	222	0.593	-4.54	314	0.889	-1.02
40	0.916	-0.76	132	0.583	-4.69	224	0.589	-4.60	316	0.898	-0.93
42	0.907	-0.85	134	0.586	-4.64	226	0.586	-4.64	318	0.907	-0.85
44	0.898	-0.93	136	0.589	-4.60	228	0.583	-4.69	320	0.916	-0.76
46	0.889	-1.02	138	0.593	-4.54	230	0.581	-4.72	322	0.924	-0.69
48	0.880	-1.11	140	0.596	-4.50	232	0.579	-4.75	324	0.931	-0.62
50	0.870	-1.21	142	0.600	-4.44	234	0.577	-4.78	326	0.939	-0.55
52	0.860	-1.31	144	0.604	-4.38	236	0.576	-4.79	328	0.946	-0.48
54	0.850	-1.41	146	0.608	-4.32	238	0.575	-4.81	330	0.952	-0.43
56	0.840	-1.51	148	0.612	-4.26	240	0.575	-4.81	332	0.958	-0.37
58	0.829	-1.63	150	0.617	-4.19	242	0.576	-4.79	334	0.964	-0.32
60	0.818	-1.74	152	0.621	-4.14	244	0.577	-4.78	336	0.969	-0.27
62	0.807	-1.86	154	0.624	-4.10	246	0.579	-4.75	338	0.974	-0.23
64	0.796	-1.98	156	0.628	-4.04	248	0.582	-4.70	340	0.979	-0.18
66	0.784	-2.11	158	0.632	-3.99	250	0.585	-4.66	342	0.983	-0.15
68	0.773	-2.24	160	0.635	-3.94	252	0.589	-4.60	344	0.986	-0.12
70	0.761	-2.37	162	0.638	-3.90	254	0.594	-4.52	346	0.989	-0.10
72	0.750	-2.50	164	0.641	-3.86	256	0.599	-4.45	348	0.992	-0.07
74	0.739	-2.63	166	0.644	-3.82	258	0.605	-4.36	350	0.995	-0.04
76	0.727	-2.77	168	0.646	-3.80	260	0.612	-4.26	352	0.997	-0.03
78	0.716	-2.90	170	0.648	-3.77	262	0.619	-4.17	354	0.998	-0.02
80	0.705	-3.04	172	0.650	-3.74	264	0.627	-4.05	356	0.999	-0.01
82	0.694	-3.17	174	0.651	-3.73	266	0.635	-3.94	358	1.000	0.00
84	0.683	-3.31	176	0.652	-3.72	268	0.644	-3.82	360	1.000	0.00
86	0.673	-3.44	178	0.653	-3.70	270	0.653	-3.70			
88	0.663	-3.57	180	0.653	-3.70	272	0.663	-3.57			
90	0.653	-3.70	182	0.653	-3.70	274	0.673	-3.44			

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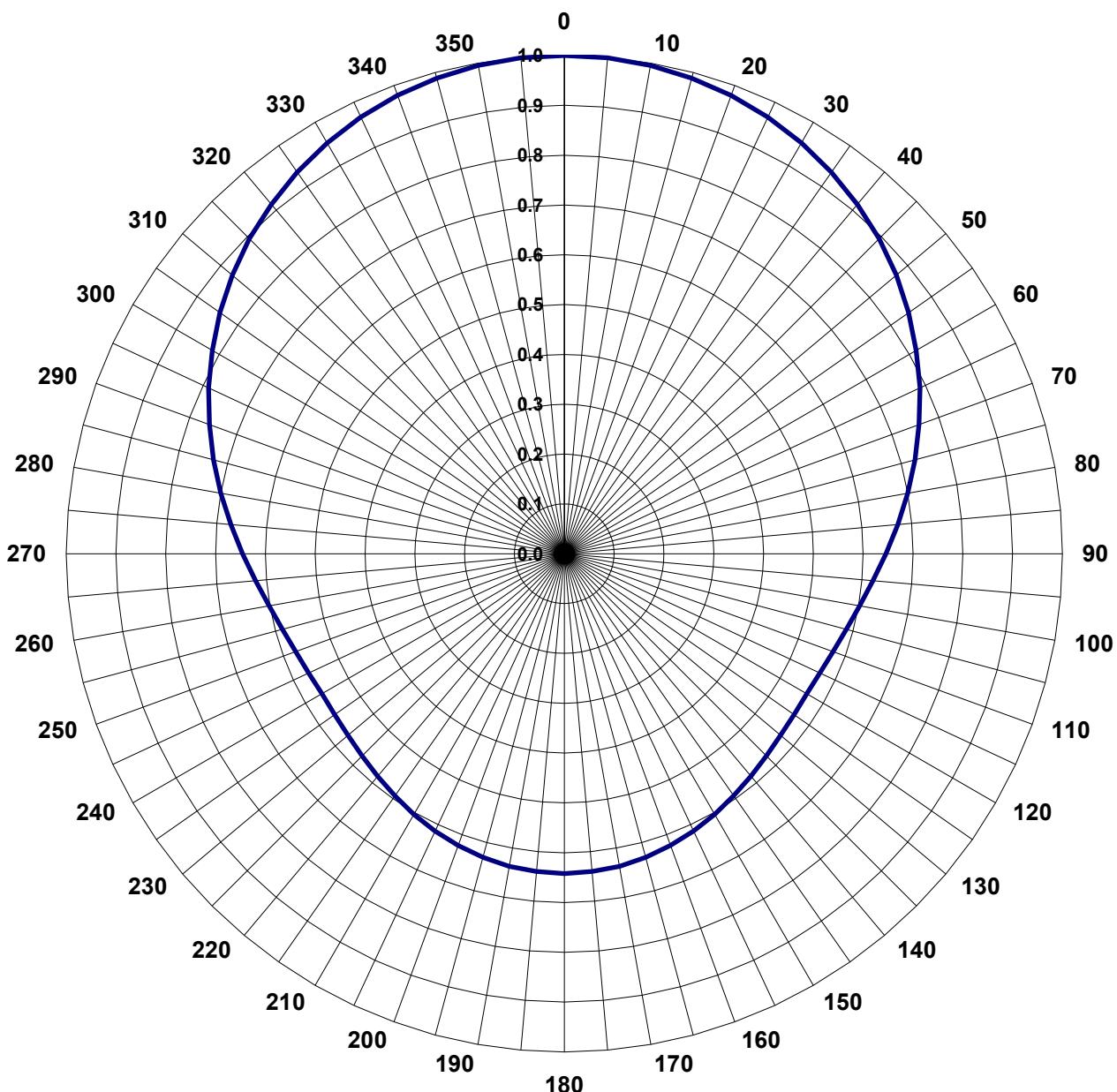
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AZIMUTH PATTERN

TYPE:	ALV-OC-H RF Channel 11	
Numeric		dB
Directivity:	1.78	(2.50)
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	11	
Location:		

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

Relative Field



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 11

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.636	-3.93	184	0.641	-3.86	276	0.677	-3.39
2	1.000	0.00	94	0.627	-4.05	186	0.640	-3.88	278	0.689	-3.24
4	0.999	-0.01	96	0.618	-4.18	188	0.639	-3.89	280	0.700	-3.10
6	0.998	-0.02	98	0.610	-4.29	190	0.637	-3.92	282	0.711	-2.96
8	0.997	-0.03	100	0.602	-4.41	192	0.635	-3.94	284	0.723	-2.82
10	0.995	-0.04	102	0.595	-4.51	194	0.632	-3.99	286	0.735	-2.67
12	0.992	-0.07	104	0.589	-4.60	196	0.630	-4.01	288	0.747	-2.53
14	0.990	-0.09	106	0.583	-4.69	198	0.627	-4.05	290	0.758	-2.41
16	0.986	-0.12	108	0.578	-4.76	200	0.623	-4.11	292	0.770	-2.27
18	0.983	-0.15	110	0.574	-4.82	202	0.620	-4.15	294	0.782	-2.14
20	0.979	-0.18	112	0.570	-4.88	204	0.616	-4.21	296	0.793	-2.01
22	0.974	-0.23	114	0.567	-4.93	206	0.612	-4.26	298	0.805	-1.88
24	0.969	-0.27	116	0.565	-4.96	208	0.608	-4.32	300	0.816	-1.77
26	0.964	-0.32	118	0.563	-4.99	210	0.604	-4.38	302	0.827	-1.65
28	0.958	-0.37	120	0.562	-5.01	212	0.600	-4.44	304	0.838	-1.54
30	0.952	-0.43	122	0.562	-5.01	214	0.595	-4.51	306	0.849	-1.42
32	0.945	-0.49	124	0.563	-4.99	216	0.591	-4.57	308	0.859	-1.32
34	0.939	-0.55	126	0.564	-4.97	218	0.587	-4.63	310	0.870	-1.21
36	0.931	-0.62	128	0.565	-4.96	220	0.583	-4.69	312	0.879	-1.12
38	0.923	-0.70	130	0.567	-4.93	222	0.579	-4.75	314	0.889	-1.02
40	0.915	-0.77	132	0.570	-4.88	224	0.576	-4.79	316	0.898	-0.93
42	0.907	-0.85	134	0.573	-4.84	226	0.573	-4.84	318	0.907	-0.85
44	0.898	-0.93	136	0.576	-4.79	228	0.570	-4.88	320	0.915	-0.77
46	0.889	-1.02	138	0.579	-4.75	230	0.567	-4.93	322	0.923	-0.70
48	0.879	-1.12	140	0.583	-4.69	232	0.565	-4.96	324	0.931	-0.62
50	0.870	-1.21	142	0.587	-4.63	234	0.564	-4.97	326	0.939	-0.55
52	0.859	-1.32	144	0.591	-4.57	236	0.563	-4.99	328	0.945	-0.49
54	0.849	-1.42	146	0.595	-4.51	238	0.562	-5.01	330	0.952	-0.43
56	0.838	-1.54	148	0.600	-4.44	240	0.562	-5.01	332	0.958	-0.37
58	0.827	-1.65	150	0.604	-4.38	242	0.563	-4.99	334	0.964	-0.32
60	0.816	-1.77	152	0.608	-4.32	244	0.565	-4.96	336	0.969	-0.27
62	0.805	-1.88	154	0.612	-4.26	246	0.567	-4.93	338	0.974	-0.23
64	0.793	-2.01	156	0.616	-4.21	248	0.570	-4.88	340	0.979	-0.18
66	0.782	-2.14	158	0.620	-4.15	250	0.574	-4.82	342	0.983	-0.15
68	0.770	-2.27	160	0.623	-4.11	252	0.578	-4.76	344	0.986	-0.12
70	0.758	-2.41	162	0.627	-4.05	254	0.583	-4.69	346	0.990	-0.09
72	0.747	-2.53	164	0.630	-4.01	256	0.589	-4.60	348	0.992	-0.07
74	0.735	-2.67	166	0.632	-3.99	258	0.595	-4.51	350	0.995	-0.04
76	0.723	-2.82	168	0.635	-3.94	260	0.602	-4.41	352	0.997	-0.03
78	0.711	-2.96	170	0.637	-3.92	262	0.610	-4.29	354	0.998	-0.02
80	0.700	-3.10	172	0.639	-3.89	264	0.618	-4.18	356	0.999	-0.01
82	0.689	-3.24	174	0.640	-3.88	266	0.627	-4.05	358	1.000	0.00
84	0.677	-3.39	176	0.641	-3.86	268	0.636	-3.93	360	1.000	0.00
86	0.667	-3.52	178	0.641	-3.86	270	0.646	-3.80			
88	0.656	-3.66	180	0.642	-3.85	272	0.656	-3.66			
90	0.646	-3.80	182	0.641	-3.86	274	0.667	-3.52			

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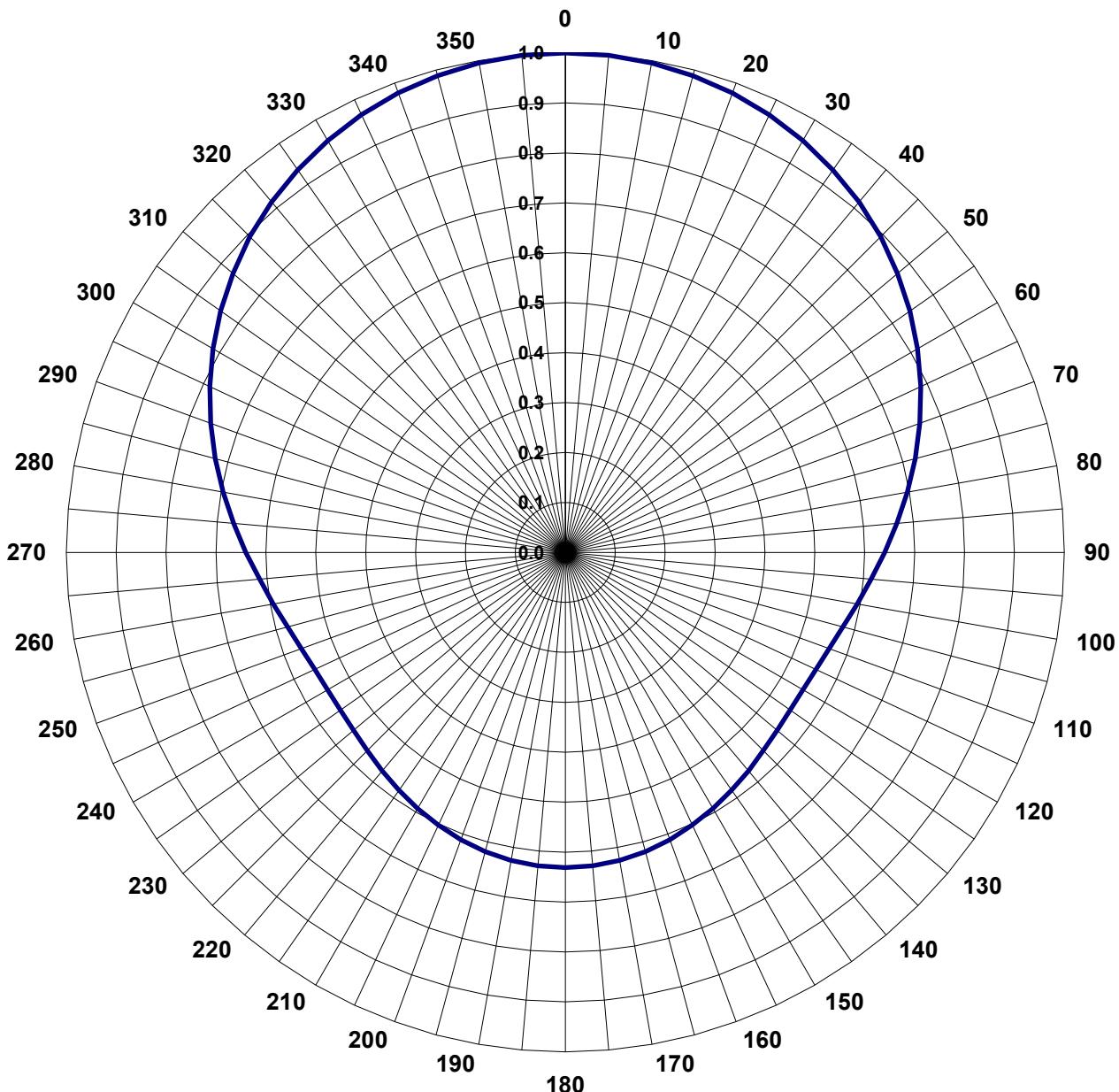
AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 12
Numeric **dB**
Directivity: 1.80 (2.55)
Peak(s) at: _____

Polarization: Horizontal
Frequency: 12
Location: _____

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

Relative Field



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TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 12

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.630	-4.01	184	0.630	-4.01	276	0.673	-3.44
2	1.000	0.00	94	0.620	-4.15	186	0.629	-4.03	278	0.684	-3.30
4	0.999	-0.01	96	0.610	-4.29	188	0.628	-4.04	280	0.696	-3.15
6	0.998	-0.02	98	0.602	-4.41	190	0.626	-4.07	282	0.708	-3.00
8	0.997	-0.03	100	0.594	-4.52	192	0.624	-4.10	284	0.720	-2.85
10	0.995	-0.04	102	0.586	-4.64	194	0.621	-4.14	286	0.732	-2.71
12	0.992	-0.07	104	0.579	-4.75	196	0.619	-4.17	288	0.744	-2.57
14	0.990	-0.09	106	0.573	-4.84	198	0.615	-4.22	290	0.756	-2.43
16	0.986	-0.12	108	0.568	-4.91	200	0.612	-4.26	292	0.768	-2.29
18	0.983	-0.15	110	0.563	-4.99	202	0.608	-4.32	294	0.780	-2.16
20	0.979	-0.18	112	0.559	-5.05	204	0.604	-4.38	296	0.792	-2.03
22	0.974	-0.23	114	0.556	-5.10	206	0.600	-4.44	298	0.804	-1.89
24	0.969	-0.27	116	0.553	-5.15	208	0.596	-4.50	300	0.815	-1.78
26	0.964	-0.32	118	0.551	-5.18	210	0.592	-4.55	302	0.827	-1.65
28	0.958	-0.37	120	0.550	-5.19	212	0.587	-4.63	304	0.838	-1.54
30	0.952	-0.43	122	0.550	-5.19	214	0.583	-4.69	306	0.849	-1.42
32	0.946	-0.48	124	0.550	-5.19	216	0.579	-4.75	308	0.859	-1.32
34	0.939	-0.55	126	0.551	-5.18	218	0.575	-4.81	310	0.869	-1.22
36	0.931	-0.62	128	0.552	-5.16	220	0.571	-4.87	312	0.879	-1.12
38	0.924	-0.69	130	0.554	-5.13	222	0.567	-4.93	314	0.889	-1.02
40	0.916	-0.76	132	0.557	-5.08	224	0.563	-4.99	316	0.898	-0.93
42	0.907	-0.85	134	0.560	-5.04	226	0.560	-5.04	318	0.907	-0.85
44	0.898	-0.93	136	0.563	-4.99	228	0.557	-5.08	320	0.916	-0.76
46	0.889	-1.02	138	0.567	-4.93	230	0.554	-5.13	322	0.924	-0.69
48	0.879	-1.12	140	0.571	-4.87	232	0.552	-5.16	324	0.931	-0.62
50	0.869	-1.22	142	0.575	-4.81	234	0.551	-5.18	326	0.939	-0.55
52	0.859	-1.32	144	0.579	-4.75	236	0.550	-5.19	328	0.946	-0.48
54	0.849	-1.42	146	0.583	-4.69	238	0.550	-5.19	330	0.952	-0.43
56	0.838	-1.54	148	0.587	-4.63	240	0.550	-5.19	332	0.958	-0.37
58	0.827	-1.65	150	0.592	-4.55	242	0.551	-5.18	334	0.964	-0.32
60	0.815	-1.78	152	0.596	-4.50	244	0.553	-5.15	336	0.969	-0.27
62	0.804	-1.89	154	0.600	-4.44	246	0.556	-5.10	338	0.974	-0.23
64	0.792	-2.03	156	0.604	-4.38	248	0.559	-5.05	340	0.979	-0.18
66	0.780	-2.16	158	0.608	-4.32	250	0.563	-4.99	342	0.983	-0.15
68	0.768	-2.29	160	0.612	-4.26	252	0.568	-4.91	344	0.986	-0.12
70	0.756	-2.43	162	0.615	-4.22	254	0.573	-4.84	346	0.990	-0.09
72	0.744	-2.57	164	0.619	-4.17	256	0.579	-4.75	348	0.992	-0.07
74	0.732	-2.71	166	0.621	-4.14	258	0.586	-4.64	350	0.995	-0.04
76	0.720	-2.85	168	0.624	-4.10	260	0.594	-4.52	352	0.997	-0.03
78	0.708	-3.00	170	0.626	-4.07	262	0.602	-4.41	354	0.998	-0.02
80	0.696	-3.15	172	0.628	-4.04	264	0.610	-4.29	356	0.999	-0.01
82	0.684	-3.30	174	0.629	-4.03	266	0.620	-4.15	358	1.000	0.00
84	0.673	-3.44	176	0.630	-4.01	268	0.630	-4.01	360	1.000	0.00
86	0.661	-3.60	178	0.631	-4.00	270	0.640	-3.88			
88	0.650	-3.74	180	0.631	-4.00	272	0.650	-3.74			
90	0.640	-3.88	182	0.631	-4.00	274	0.661	-3.60			

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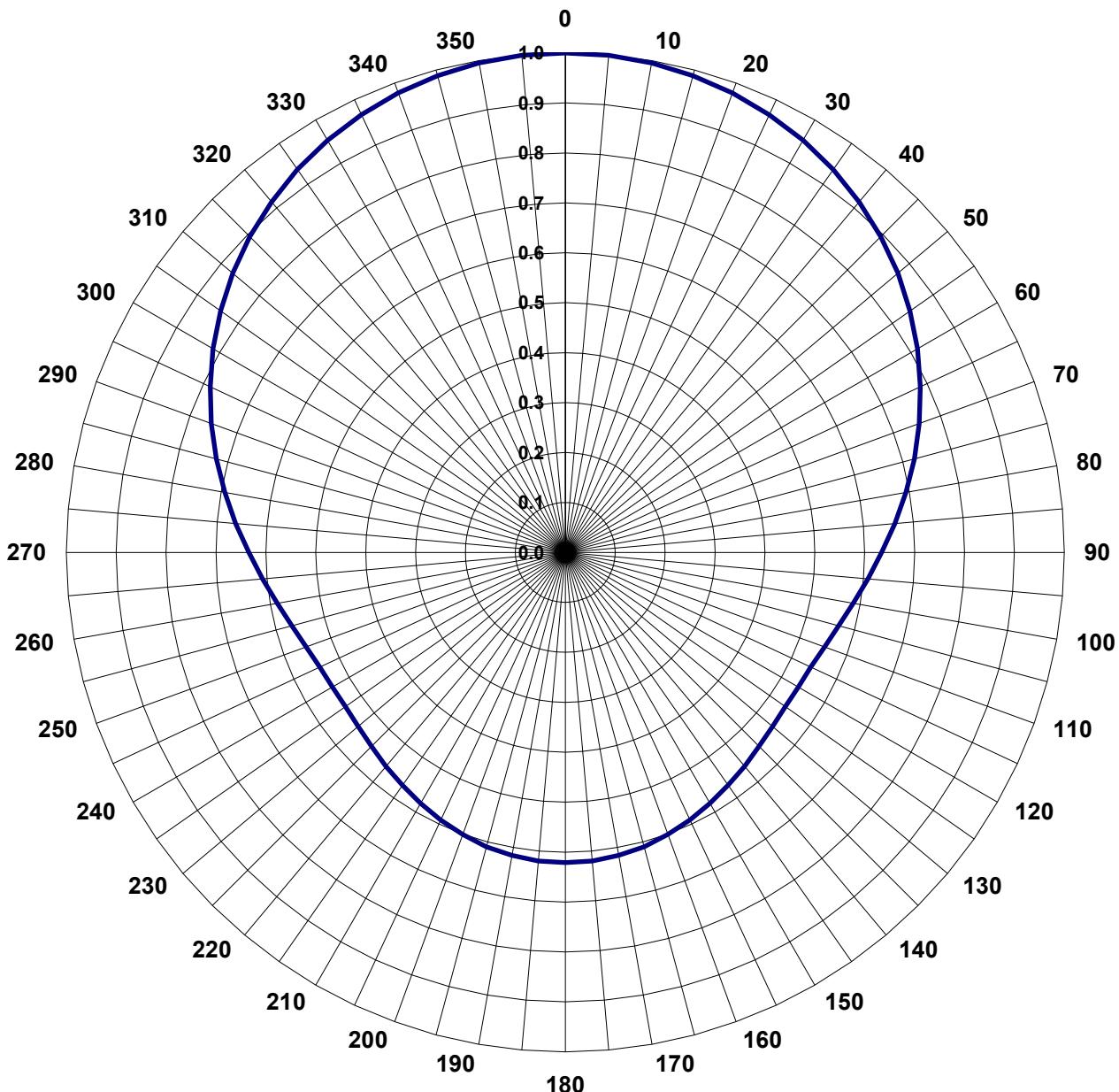
Your Single Source for Broadcast Solutions™

AZIMUTH PATTERN

TYPE:	<u>ALV-OC-H RF Channel 13</u>	
Numeric	dB	
Directivity:	<u>1.82</u>	<u>(2.60)</u>
Peak(s) at:		
Polarization:	<u>Horizontal</u>	
Frequency:	<u>13</u>	
Location:		

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

Relative Field



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TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ALV-OC-H RF Channel 13

ANGLE	FIELD	dB									
0	1.000	0.00	92	0.624	-4.10	184	0.620	-4.15	276	0.669	-3.49
2	1.000	0.00	94	0.614	-4.24	186	0.619	-4.17	278	0.681	-3.34
4	0.999	-0.01	96	0.604	-4.38	188	0.618	-4.18	280	0.693	-3.19
6	0.998	-0.02	98	0.595	-4.51	190	0.616	-4.21	282	0.705	-3.04
8	0.997	-0.03	100	0.586	-4.64	192	0.614	-4.24	284	0.717	-2.89
10	0.995	-0.04	102	0.578	-4.76	194	0.611	-4.28	286	0.730	-2.73
12	0.992	-0.07	104	0.571	-4.87	196	0.608	-4.32	288	0.742	-2.59
14	0.990	-0.09	106	0.564	-4.97	198	0.605	-4.36	290	0.755	-2.44
16	0.987	-0.11	108	0.558	-5.07	200	0.601	-4.42	292	0.767	-2.30
18	0.983	-0.15	110	0.553	-5.15	202	0.598	-4.47	294	0.779	-2.17
20	0.979	-0.18	112	0.549	-5.21	204	0.593	-4.54	296	0.791	-2.04
22	0.975	-0.22	114	0.545	-5.27	206	0.589	-4.60	298	0.803	-1.91
24	0.970	-0.26	116	0.542	-5.32	208	0.585	-4.66	300	0.815	-1.78
26	0.964	-0.32	118	0.540	-5.35	210	0.580	-4.73	302	0.826	-1.66
28	0.959	-0.36	120	0.539	-5.37	212	0.576	-4.79	304	0.838	-1.54
30	0.953	-0.42	122	0.538	-5.38	214	0.571	-4.87	306	0.849	-1.42
32	0.946	-0.48	124	0.538	-5.38	216	0.567	-4.93	308	0.859	-1.32
34	0.939	-0.55	126	0.539	-5.37	218	0.563	-4.99	310	0.870	-1.21
36	0.932	-0.61	128	0.540	-5.35	220	0.559	-5.05	312	0.880	-1.11
38	0.924	-0.69	130	0.542	-5.32	222	0.555	-5.11	314	0.889	-1.02
40	0.916	-0.76	132	0.545	-5.27	224	0.551	-5.18	316	0.899	-0.92
42	0.907	-0.85	134	0.548	-5.22	226	0.548	-5.22	318	0.907	-0.85
44	0.899	-0.92	136	0.551	-5.18	228	0.545	-5.27	320	0.916	-0.76
46	0.889	-1.02	138	0.555	-5.11	230	0.542	-5.32	322	0.924	-0.69
48	0.880	-1.11	140	0.559	-5.05	232	0.540	-5.35	324	0.932	-0.61
50	0.870	-1.21	142	0.563	-4.99	234	0.539	-5.37	326	0.939	-0.55
52	0.859	-1.32	144	0.567	-4.93	236	0.538	-5.38	328	0.946	-0.48
54	0.849	-1.42	146	0.571	-4.87	238	0.538	-5.38	330	0.953	-0.42
56	0.838	-1.54	148	0.576	-4.79	240	0.539	-5.37	332	0.959	-0.36
58	0.826	-1.66	150	0.580	-4.73	242	0.540	-5.35	334	0.964	-0.32
60	0.815	-1.78	152	0.585	-4.66	244	0.542	-5.32	336	0.970	-0.26
62	0.803	-1.91	154	0.589	-4.60	246	0.545	-5.27	338	0.975	-0.22
64	0.791	-2.04	156	0.593	-4.54	248	0.549	-5.21	340	0.979	-0.18
66	0.779	-2.17	158	0.598	-4.47	250	0.553	-5.15	342	0.983	-0.15
68	0.767	-2.30	160	0.601	-4.42	252	0.558	-5.07	344	0.987	-0.11
70	0.755	-2.44	162	0.605	-4.36	254	0.564	-4.97	346	0.990	-0.09
72	0.742	-2.59	164	0.608	-4.32	256	0.571	-4.87	348	0.992	-0.07
74	0.730	-2.73	166	0.611	-4.28	258	0.578	-4.76	350	0.995	-0.04
76	0.717	-2.89	168	0.614	-4.24	260	0.586	-4.64	352	0.997	-0.03
78	0.705	-3.04	170	0.616	-4.21	262	0.595	-4.51	354	0.998	-0.02
80	0.693	-3.19	172	0.618	-4.18	264	0.604	-4.38	356	0.999	-0.01
82	0.681	-3.34	174	0.619	-4.17	266	0.614	-4.24	358	1.000	0.00
84	0.669	-3.49	176	0.620	-4.15	268	0.624	-4.10	360	1.000	0.00
86	0.657	-3.65	178	0.621	-4.14	270	0.634	-3.96			
88	0.646	-3.80	180	0.621	-4.14	272	0.646	-3.80			
90	0.634	-3.96	182	0.621	-4.14	274	0.657	-3.65			

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