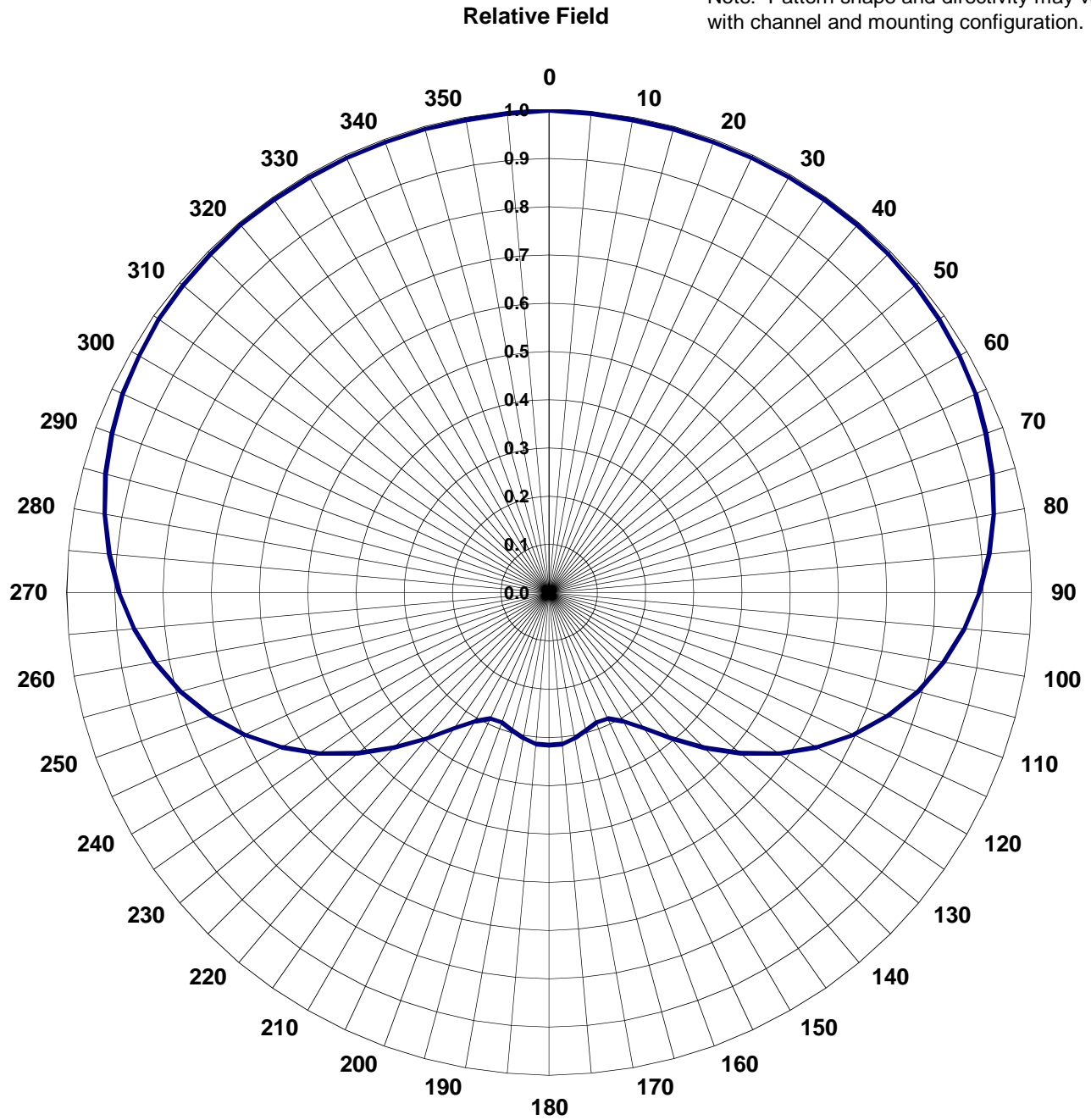


AZIMUTH PATTERN

TYPE:	AL-W-H	
	Numeric	dB
Directivity:	1.58	(1.99)
Peak(s) at:		
Polarization:	Horizontal	
Channel:		
Location:		

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

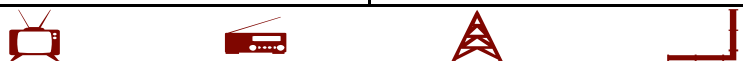


TABULATED DATA FOR AZIMUTH PATTERN

TYPE: AL-W-H

POLARIZATION: Horizontal

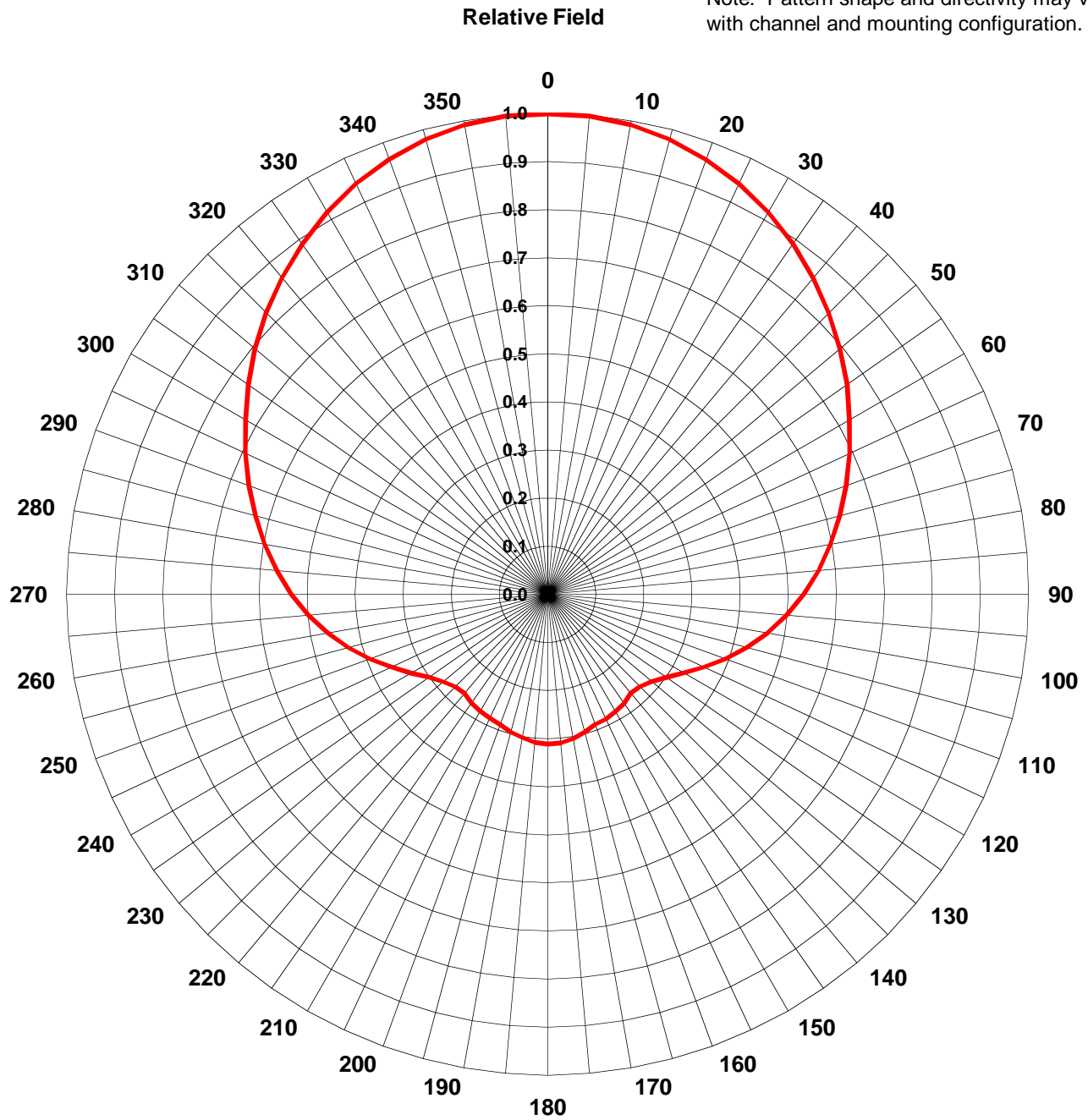
ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	1.000	0.00	92	0.880	-0.85	184	0.316	-12.18	276	0.921	-0.41
2	0.998	-0.03	94	0.869	-1.00	186	0.314	-12.11	278	0.928	-0.32
4	0.997	-0.05	96	0.857	-1.15	188	0.311	-12.01	280	0.936	-0.22
6	0.997	-0.08	98	0.844	-1.31	190	0.306	-11.94	282	0.942	-0.18
8	0.996	-0.10	100	0.830	-1.46	192	0.302	-11.60	284	0.949	-0.14
10	0.995	-0.13	102	0.816	-1.64	194	0.296	-11.28	286	0.955	-0.10
12	0.996	-0.19	104	0.800	-1.83	196	0.292	-11.00	288	0.960	-0.06
14	0.995	-0.26	106	0.784	-2.01	198	0.288	-10.69	290	0.964	-0.03
16	0.995	-0.31	108	0.766	-2.21	200	0.286	-10.40	292	0.969	-0.03
18	0.994	-0.37	110	0.747	-2.41	202	0.285	-9.87	294	0.973	-0.05
20	0.994	-0.44	112	0.728	-2.59	204	0.286	-9.37	296	0.976	-0.06
22	0.994	-0.48	114	0.708	-2.77	206	0.291	-8.90	298	0.979	-0.08
24	0.994	-0.53	116	0.685	-2.96	208	0.297	-8.45	300	0.982	-0.09
26	0.994	-0.58	118	0.663	-3.15	210	0.308	-8.02	302	0.985	-0.14
28	0.994	-0.63	120	0.640	-3.35	212	0.321	-7.54	304	0.986	-0.19
30	0.994	-0.68	122	0.618	-3.54	214	0.337	-7.09	306	0.988	-0.26
32	0.994	-0.67	124	0.594	-3.74	216	0.354	-6.65	308	0.990	-0.31
34	0.994	-0.66	126	0.569	-3.94	218	0.373	-6.25	310	0.991	-0.36
36	0.995	-0.66	128	0.544	-4.15	220	0.395	-5.85	312	0.992	-0.42
38	0.994	-0.65	130	0.519	-4.36	222	0.419	-5.53	314	0.993	-0.47
40	0.995	-0.64	132	0.493	-4.64	224	0.443	-5.22	316	0.993	-0.53
42	0.994	-0.58	134	0.468	-4.93	226	0.468	-4.93	318	0.994	-0.58
44	0.993	-0.53	136	0.443	-5.22	228	0.493	-4.64	320	0.995	-0.64
46	0.993	-0.47	138	0.419	-5.53	230	0.519	-4.36	322	0.994	-0.65
48	0.992	-0.42	140	0.395	-5.85	232	0.544	-4.15	324	0.995	-0.66
50	0.991	-0.36	142	0.373	-6.25	234	0.569	-3.94	326	0.994	-0.66
52	0.990	-0.31	144	0.354	-6.65	236	0.594	-3.74	328	0.994	-0.67
54	0.988	-0.26	146	0.337	-7.09	238	0.618	-3.54	330	0.994	-0.68
56	0.986	-0.19	148	0.321	-7.54	240	0.640	-3.35	332	0.994	-0.63
58	0.985	-0.14	150	0.308	-8.02	242	0.663	-3.15	334	0.994	-0.58
60	0.982	-0.09	152	0.297	-8.45	244	0.685	-2.96	336	0.994	-0.53
62	0.979	-0.08	154	0.291	-8.90	246	0.708	-2.77	338	0.994	-0.48
64	0.976	-0.06	156	0.286	-9.37	248	0.728	-2.59	340	0.994	-0.44
66	0.973	-0.05	158	0.285	-9.87	250	0.747	-2.41	342	0.994	-0.37
68	0.969	-0.03	160	0.286	-10.40	252	0.766	-2.21	344	0.995	-0.31
70	0.964	-0.03	162	0.288	-10.69	254	0.784	-2.01	346	0.995	-0.26
72	0.960	-0.06	164	0.292	-11.00	256	0.800	-1.83	348	0.996	-0.19
74	0.955	-0.10	166	0.296	-11.28	258	0.816	-1.64	350	0.995	-0.13
76	0.949	-0.14	168	0.302	-11.60	260	0.830	-1.46	352	0.996	-0.10
78	0.942	-0.18	170	0.306	-11.94	262	0.844	-1.31	354	0.997	-0.08
80	0.936	-0.22	172	0.311	-12.01	264	0.857	-1.15	356	0.997	-0.05
82	0.928	-0.32	174	0.314	-12.11	266	0.869	-1.00	358	0.998	-0.03
84	0.921	-0.41	176	0.316	-12.18	268	0.880	-0.85	360	1.000	0.00
86	0.911	-0.51	178	0.316	-12.29	270	0.891	-0.71			
88	0.902	-0.60	180	0.316	-12.36	272	0.902	-0.60			
90	0.891	-0.71	182	0.316	-12.29	274	0.911	-0.51			



AZIMUTH PATTERN

TYPE:	AL-W-V	
Directivity:	Numeric	dB
Peak(s) at:	2.51	(4.00)
Polarization:	Vertical	
Channel:		
Location:		

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



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: AL-W-V

POLARIZATION: Vertical

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.999	0.00	92	0.519	-2.56	184	0.310	-10.06	276	0.572	-1.95
2	1.000	-0.01	94	0.505	-2.72	186	0.308	-10.26	278	0.584	-1.81
4	0.999	-0.01	96	0.492	-2.89	188	0.306	-10.52	280	0.597	-1.66
6	0.996	-0.01	98	0.478	-3.07	190	0.303	-10.84	282	0.610	-1.52
8	0.995	-0.01	100	0.464	-3.26	192	0.300	-11.24	284	0.622	-1.39
10	0.991	-0.01	102	0.450	-3.47	194	0.298	-11.67	286	0.635	-1.26
12	0.987	-0.01	104	0.436	-3.69	196	0.294	-12.11	288	0.647	-1.13
14	0.982	-0.01	106	0.421	-3.93	198	0.290	-12.62	290	0.661	-1.01
16	0.976	-0.01	108	0.407	-4.19	200	0.288	-13.07	292	0.672	-0.90
18	0.970	-0.01	110	0.393	-4.48	202	0.287	-13.51	294	0.687	-0.79
20	0.962	-0.01	112	0.379	-4.81	204	0.286	-13.94	296	0.699	-0.69
22	0.955	-0.01	114	0.365	-5.16	206	0.284	-14.24	298	0.712	-0.59
24	0.946	-0.01	116	0.352	-5.55	208	0.282	-14.47	300	0.725	-0.50
26	0.937	-0.01	118	0.339	-5.97	210	0.280	-14.52	302	0.740	-0.43
28	0.928	-0.01	120	0.327	-6.45	212	0.278	-14.47	304	0.753	-0.35
30	0.917	-0.01	122	0.316	-6.96	214	0.277	-14.24	306	0.766	-0.29
32	0.907	-0.01	124	0.306	-7.49	216	0.275	-13.85	308	0.780	-0.23
34	0.895	-0.01	126	0.297	-8.09	218	0.274	-13.39	310	0.794	-0.18
36	0.883	-0.01	128	0.289	-8.73	220	0.269	-12.80	312	0.808	-0.14
38	0.871	-0.02	130	0.283	-9.37	222	0.269	-12.15	314	0.819	-0.10
40	0.859	-0.03	132	0.276	-10.06	224	0.270	-11.47	316	0.833	-0.08
42	0.846	-0.05	134	0.272	-10.78	226	0.272	-10.78	318	0.846	-0.05
44	0.833	-0.08	136	0.270	-11.47	228	0.276	-10.06	320	0.859	-0.03
46	0.819	-0.10	138	0.269	-12.15	230	0.283	-9.37	322	0.871	-0.02
48	0.808	-0.14	140	0.269	-12.80	232	0.289	-8.73	324	0.883	-0.01
50	0.794	-0.18	142	0.270	-13.39	234	0.297	-8.09	326	0.895	-0.01
52	0.780	-0.23	144	0.276	-13.85	236	0.306	-7.49	328	0.907	-0.01
54	0.766	-0.29	146	0.278	-14.24	238	0.316	-6.96	330	0.917	-0.01
56	0.753	-0.35	148	0.280	-14.47	240	0.327	-6.45	332	0.928	-0.01
58	0.740	-0.43	150	0.281	-14.52	242	0.339	-5.97	334	0.937	-0.01
60	0.725	-0.50	152	0.283	-14.47	244	0.352	-5.55	336	0.946	-0.01
62	0.712	-0.59	154	0.285	-14.24	246	0.365	-5.16	338	0.955	-0.01
64	0.699	-0.69	156	0.287	-13.94	248	0.379	-4.81	340	0.962	-0.01
66	0.687	-0.79	158	0.287	-13.51	250	0.393	-4.48	342	0.970	-0.01
68	0.672	-0.90	160	0.288	-13.07	252	0.407	-4.19	344	0.976	-0.01
70	0.661	-1.01	162	0.290	-12.62	254	0.421	-3.93	346	0.982	-0.01
72	0.647	-1.13	164	0.294	-12.11	256	0.436	-3.69	348	0.987	-0.01
74	0.635	-1.26	166	0.298	-11.67	258	0.450	-3.47	350	0.991	-0.01
76	0.622	-1.39	168	0.302	-11.24	260	0.464	-3.26	352	0.995	-0.01
78	0.610	-1.52	170	0.305	-10.84	262	0.478	-3.07	354	0.996	-0.01
80	0.597	-1.66	172	0.307	-10.52	264	0.492	-2.89	356	0.999	-0.01
82	0.584	-1.81	174	0.309	-10.26	266	0.505	-2.72	358	1.000	-0.01
84	0.572	-1.95	176	0.311	-10.06	268	0.519	-2.56	360	0.999	0.00
86	0.559	-2.10	178	0.311	-9.92	270	0.533	-2.41			
88	0.545	-2.25	180	0.311	-9.84	272	0.545	-2.25			
90	0.533	-2.41	182	0.311	-9.92	274	0.559	-2.10			

