



**TABULATED DATA FOR AZIMUTH PATTERN**  
**TYPE : CH40AZ-H-BID-CX**

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
0	0.728	-2.76	110	0.982	-0.16	220	0.225	-12.96	330	0.468	-6.60
2	0.750	-2.50	112	0.980	-0.18	222	0.217	-13.27	332	0.481	-6.36
4	0.772	-2.25	114	0.977	-0.20	224	0.209	-13.60	334	0.493	-6.14
6	0.794	-2.00	116	0.973	-0.24	226	0.202	-13.89	336	0.507	-5.90
8	0.815	-1.78	118	0.967	-0.29	228	0.202	-13.89	338	0.520	-5.68
10	0.833	-1.59	120	0.961	-0.35	230	0.201	-13.94	340	0.535	-5.43
12	0.851	-1.40	122	0.953	-0.42	232	0.201	-13.94	342	0.551	-5.18
14	0.869	-1.22	124	0.945	-0.49	234	0.200	-13.98	344	0.567	-4.93
16	0.887	-1.04	126	0.936	-0.57	236	0.200	-13.98	346	0.585	-4.66
18	0.903	-0.89	128	0.924	-0.69	238	0.200	-13.98	348	0.604	-4.38
20	0.916	-0.76	130	0.911	-0.81	240	0.202	-13.89	350	0.622	-4.12
22	0.929	-0.64	132	0.896	-0.95	242	0.203	-13.85	352	0.641	-3.86
24	0.939	-0.55	134	0.880	-1.11	244	0.205	-13.76	354	0.661	-3.60
26	0.949	-0.45	136	0.862	-1.29	246	0.210	-13.56	356	0.683	-3.31
28	0.957	-0.38	138	0.843	-1.48	248	0.214	-13.39	358	0.706	-3.02
30	0.965	-0.31	140	0.823	-1.69	250	0.215	-13.35	360	0.728	-2.76
32	0.972	-0.25	142	0.802	-1.92	252	0.214	-13.39			
34	0.979	-0.18	144	0.781	-2.15	254	0.214	-13.39			
36	0.985	-0.13	146	0.759	-2.40	256	0.214	-13.39			
38	0.989	-0.10	148	0.737	-2.65	258	0.213	-13.43			
40	0.992	-0.07	150	0.714	-2.93	260	0.211	-13.51			
42	0.993	-0.06	152	0.692	-3.20	262	0.208	-13.64			
44	0.994	-0.05	154	0.669	-3.49	264	0.205	-13.76			
46	0.996	-0.03	156	0.648	-3.77	266	0.202	-13.89			
48	0.998	-0.02	158	0.626	-4.07	268	0.202	-13.89			
50	1.000	0.00	160	0.606	-4.35	270	0.201	-13.94			
52	0.999	-0.01	162	0.585	-4.66	272	0.200	-13.98			
54	0.998	-0.02	164	0.567	-4.93	274	0.200	-13.98			
56	0.997	-0.03	166	0.549	-5.21	276	0.200	-13.98			
58	0.996	-0.03	168	0.532	-5.48	278	0.200	-13.98			
60	0.995	-0.04	170	0.516	-5.75	280	0.201	-13.94			
62	0.994	-0.05	172	0.500	-6.02	282	0.201	-13.94			
64	0.994	-0.05	174	0.485	-6.29	284	0.202	-13.89			
66	0.992	-0.07	176	0.472	-6.52	286	0.205	-13.76			
68	0.990	-0.09	178	0.458	-6.78	288	0.212	-13.47			
70	0.989	-0.10	180	0.446	-7.01	290	0.220	-13.15			
72	0.987	-0.11	182	0.434	-7.25	292	0.242	-12.32			
74	0.986	-0.12	184	0.423	-7.47	294	0.250	-12.04			
76	0.985	-0.13	186	0.412	-7.70	296	0.258	-11.77			
78	0.985	-0.13	188	0.401	-7.94	298	0.275	-11.21			
80	0.986	-0.12	190	0.392	-8.13	300	0.292	-10.69			
82	0.985	-0.13	192	0.382	-8.36	302	0.305	-10.31			
84	0.986	-0.12	194	0.372	-8.59	304	0.318	-9.95			
86	0.986	-0.12	196	0.362	-8.83	306	0.330	-9.63			
88	0.984	-0.14	198	0.353	-9.04	308	0.344	-9.27			
90	0.985	-0.13	200	0.344	-9.27	310	0.358	-8.92			
92	0.990	-0.09	202	0.333	-9.55	312	0.370	-8.64			
94	0.992	-0.07	204	0.320	-9.90	314	0.381	-8.38			
96	0.989	-0.10	206	0.306	-10.29	316	0.393	-8.11			
98	0.986	-0.12	208	0.293	-10.66	318	0.405	-7.85			
100	0.985	-0.13	210	0.280	-11.06	320	0.416	-7.62			
102	0.984	-0.14	212	0.268	-11.44	322	0.428	-7.37			
104	0.985	-0.13	214	0.256	-11.84	324	0.439	-7.15			
106	0.985	-0.13	216	0.245	-12.22	326	0.449	-6.96			
108	0.984	-0.14	218	0.235	-12.58	328	0.458	-6.78			