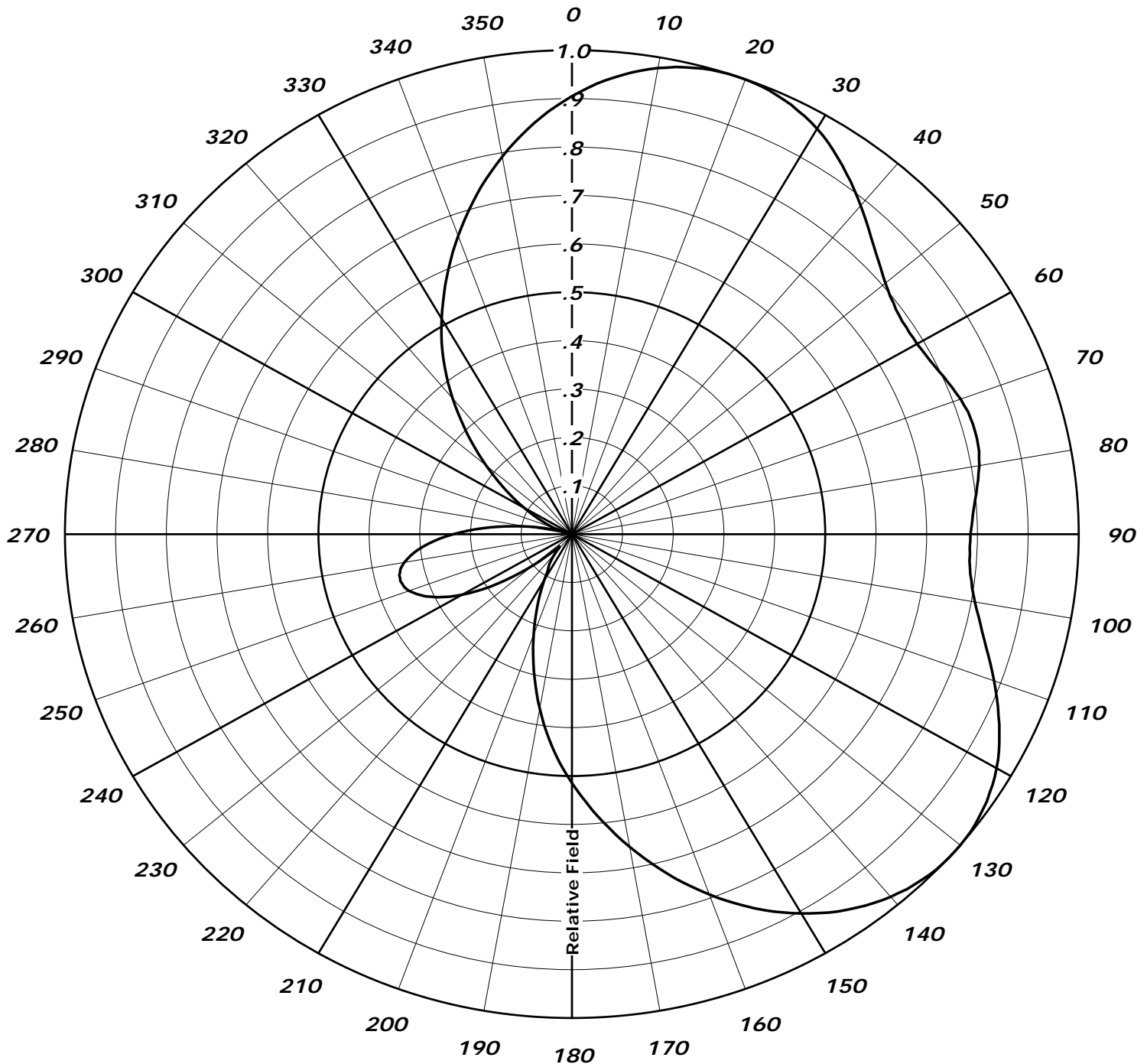


ERI
AZIMUTH PATTERN

Type: CH7HAZ-C1

	Numeric	dBd
Directivity:	<u>2.214</u>	<u>(3.45)</u>
Peak(s) At:	<u></u>	
Polarization:	<u>HORIZONTAL</u>	
Channel:	<u>7</u>	
Location:	<u>CAGUAS, PR</u>	





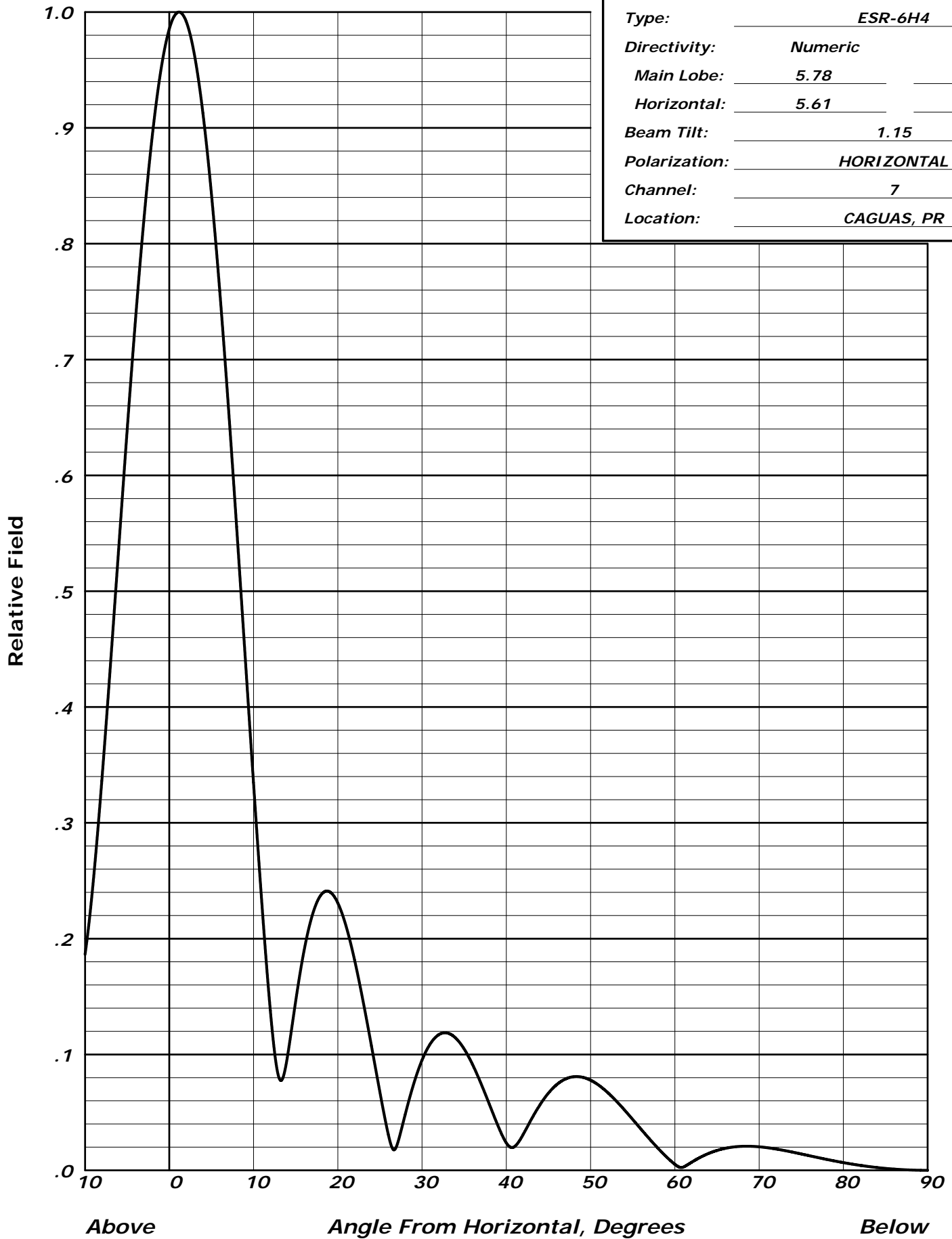
TABULATED DATA FOR AZIMUTH PATTERN
TYPE : CH7HAZ-C1

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
0	0.905	-0.87	110	0.886	-1.05	220	0.050	-26.02	330	0.514	-5.78
2	0.923	-0.70	112	0.904	-0.88	222	0.038	-28.40	332	0.542	-5.32
4	0.940	-0.54	114	0.921	-0.71	224	0.035	-29.12	334	0.571	-4.87
6	0.954	-0.41	116	0.938	-0.56	226	0.048	-26.38	336	0.599	-4.45
8	0.967	-0.29	118	0.954	-0.41	228	0.071	-22.97	338	0.628	-4.04
10	0.978	-0.19	120	0.967	-0.29	230	0.100	-20.00	340	0.656	-3.66
12	0.987	-0.11	122	0.978	-0.19	232	0.129	-17.79	342	0.684	-3.30
14	0.993	-0.06	124	0.987	-0.11	234	0.161	-15.86	344	0.712	-2.95
16	0.998	-0.02	126	0.993	-0.06	236	0.193	-14.29	346	0.740	-2.62
18	1.000	0.00	128	0.998	-0.02	238	0.222	-13.07	348	0.766	-2.32
20	1.000	0.00	130	1.000	0.00	240	0.250	-12.04	350	0.792	-2.03
22	0.998	-0.02	132	1.000	0.00	242	0.275	-11.21	352	0.817	-1.76
24	0.993	-0.06	134	0.998	-0.02	244	0.297	-10.54	354	0.841	-1.50
26	0.987	-0.11	136	0.993	-0.06	246	0.316	-10.01	356	0.864	-1.27
28	0.978	-0.19	138	0.987	-0.11	248	0.330	-9.63	358	0.885	-1.06
30	0.967	-0.29	140	0.978	-0.19	250	0.342	-9.32	360	0.905	-0.87
32	0.954	-0.41	142	0.967	-0.29	252	0.349	-9.14			
34	0.938	-0.56	144	0.954	-0.41	254	0.352	-9.07			
36	0.921	-0.71	146	0.940	-0.54	256	0.351	-9.09			
38	0.904	-0.88	148	0.923	-0.70	258	0.346	-9.22			
40	0.886	-1.05	150	0.905	-0.87	260	0.336	-9.47			
42	0.868	-1.23	152	0.885	-1.06	262	0.322	-9.84			
44	0.850	-1.41	154	0.864	-1.27	264	0.305	-10.31			
46	0.834	-1.58	156	0.841	-1.50	266	0.284	-10.93			
48	0.820	-1.72	158	0.817	-1.76	268	0.261	-11.67			
50	0.807	-1.86	160	0.792	-2.03	270	0.234	-12.62			
52	0.797	-1.97	162	0.766	-2.32	272	0.206	-13.72			
54	0.790	-2.05	164	0.740	-2.62	274	0.176	-15.09			
56	0.786	-2.09	166	0.712	-2.95	276	0.147	-16.65			
58	0.785	-2.10	168	0.684	-3.30	278	0.119	-18.49			
60	0.786	-2.09	170	0.656	-3.66	280	0.092	-20.72			
62	0.790	-2.05	172	0.628	-4.04	282	0.067	-23.48			
64	0.795	-1.99	174	0.599	-4.45	284	0.044	-27.13			
66	0.802	-1.92	176	0.571	-4.87	286	0.025	-32.04			
68	0.809	-1.84	178	0.542	-5.32	288	0.005	-46.02			
70	0.816	-1.77	180	0.514	-5.78	290	0.038	-28.40			
72	0.821	-1.71	182	0.486	-6.27	292	0.049	-26.20			
74	0.823	-1.69	184	0.457	-6.80	294	0.061	-24.29			
76	0.823	-1.69	186	0.427	-7.39	296	0.075	-22.50			
78	0.821	-1.71	188	0.397	-8.02	298	0.091	-20.82			
80	0.816	-1.77	190	0.366	-8.73	300	0.109	-19.25			
82	0.809	-1.84	192	0.335	-9.50	302	0.128	-17.86			
84	0.802	-1.92	194	0.305	-10.31	304	0.149	-16.54			
86	0.795	-1.99	196	0.276	-11.18	306	0.171	-15.34			
88	0.790	-2.05	198	0.248	-12.11	308	0.195	-14.20			
90	0.786	-2.09	200	0.221	-13.11	310	0.221	-13.11			
92	0.785	-2.10	202	0.195	-14.20	312	0.248	-12.11			
94	0.786	-2.09	204	0.171	-15.34	314	0.276	-11.18			
96	0.790	-2.05	206	0.149	-16.54	316	0.305	-10.31			
98	0.797	-1.97	208	0.128	-17.86	318	0.335	-9.50			
100	0.807	-1.86	210	0.109	-19.25	320	0.366	-8.73			
102	0.820	-1.72	212	0.091	-20.82	322	0.397	-8.02			
104	0.834	-1.58	214	0.083	-21.62	324	0.427	-7.39			
106	0.850	-1.41	216	0.075	-22.50	326	0.457	-6.80			
108	0.868	-1.23	218	0.064	-23.88	328	0.486	-6.27			



ELEVATION PATTERN

Type:	ESR-6H4	
Directivity:	Numeric	dBd
Main Lobe:	5.78	(7.62)
Horizontal:	5.61	(7.49)
Beam Tilt:	1.15	
Polarization:	HORIZONTAL	
Channel:	7	
Location:	CAGUAS, PR	





TABULATED DATA FOR ELEVATION PATTERN
TYPE : ESR-6H4 CHANNEL 7

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5 To 10			10 To 90								
In 0.25 Increments			In 0.5 Increments								
-5.00	0.639	-3.89	8.75	0.472	-6.52	35.00	0.105	-19.60	62.50	0.009	-40.76
-4.75	0.664	-3.56	9.00	0.444	-7.05	35.50	0.098	-20.14	63.00	0.011	-39.05
-4.50	0.688	-3.24	9.25	0.416	-7.61	36.00	0.091	-20.80	63.50	0.013	-37.75
-4.25	0.712	-2.95	9.50	0.389	-8.21	36.50	0.083	-21.58	64.00	0.015	-36.74
-4.00	0.736	-2.67	9.75	0.361	-8.85	37.00	0.075	-22.52	64.50	0.016	-35.95
-3.75	0.758	-2.40	10.00	0.334	-9.53	37.50	0.066	-23.62	65.00	0.017	-35.31
-3.50	0.780	-2.16	10.50	0.280	-11.04	38.00	0.057	-24.92	65.50	0.018	-34.81
-3.25	0.801	-1.92	11.00	0.229	-12.80	38.50	0.048	-26.45	66.00	0.019	-34.42
-3.00	0.822	-1.70	11.50	0.181	-14.86	39.00	0.039	-28.26	66.50	0.020	-34.12
-2.75	0.841	-1.50	12.00	0.137	-17.25	39.50	0.030	-30.35	67.00	0.020	-33.90
-2.50	0.860	-1.31	12.50	0.102	-19.86	40.00	0.024	-32.52	67.50	0.021	-33.76
-2.25	0.878	-1.13	13.00	0.080	-21.90	40.50	0.020	-34.01	68.00	0.021	-33.67
-2.00	0.894	-0.97	13.50	0.080	-21.92	41.00	0.021	-33.73	68.50	0.021	-33.64
-1.75	0.910	-0.82	14.00	0.097	-20.25	41.50	0.025	-32.08	69.00	0.021	-33.67
-1.50	0.924	-0.68	14.50	0.121	-18.33	42.00	0.031	-30.17	69.50	0.021	-33.74
-1.25	0.938	-0.56	15.00	0.146	-16.71	42.50	0.038	-28.47	70.00	0.020	-33.85
-1.00	0.950	-0.45	15.50	0.169	-15.42	43.00	0.044	-27.05	70.50	0.020	-34.01
-0.75	0.961	-0.35	16.00	0.190	-14.43	43.50	0.051	-25.89	71.00	0.019	-34.20
-0.50	0.970	-0.26	16.50	0.207	-13.67	44.00	0.057	-24.93	71.50	0.019	-34.43
-0.25	0.978	-0.19	17.00	0.221	-13.11	44.50	0.062	-24.15	72.00	0.018	-34.70
0.00	0.985	-0.13	17.50	0.231	-12.72	45.00	0.067	-23.52	72.50	0.018	-35.00
0.25	0.991	-0.08	18.00	0.238	-12.48	45.50	0.071	-23.01	73.00	0.017	-35.34
0.50	0.995	-0.04	18.50	0.241	-12.37	46.00	0.074	-22.60	73.50	0.016	-35.71
0.75	0.998	-0.02	19.00	0.241	-12.37	46.50	0.077	-22.29	74.00	0.016	-36.11
1.00	1.000	-0.00	19.50	0.237	-12.50	47.00	0.079	-22.07	74.50	0.015	-36.54
1.25	1.000	-0.00	20.00	0.231	-12.73	47.50	0.080	-21.92	75.00	0.014	-37.00
1.50	0.999	-0.01	20.50	0.222	-13.08	48.00	0.081	-21.85	75.50	0.013	-37.50
1.75	0.996	-0.03	21.00	0.210	-13.54	48.50	0.081	-21.84	76.00	0.013	-38.03
2.00	0.992	-0.07	21.50	0.197	-14.13	49.00	0.080	-21.89	76.50	0.012	-38.59
2.25	0.987	-0.12	22.00	0.181	-14.84	49.50	0.079	-22.01	77.00	0.011	-39.19
2.50	0.980	-0.18	22.50	0.164	-15.69	50.00	0.078	-22.18	77.50	0.010	-39.81
2.75	0.972	-0.25	23.00	0.146	-16.72	50.50	0.076	-22.41	78.00	0.009	-40.48
3.00	0.962	-0.33	23.50	0.127	-17.94	51.00	0.073	-22.69	78.50	0.009	-41.18
3.25	0.952	-0.43	24.00	0.107	-19.41	51.50	0.070	-23.04	79.00	0.008	-41.93
3.50	0.940	-0.54	24.50	0.087	-21.20	52.00	0.067	-23.43	79.50	0.007	-42.71
3.75	0.927	-0.66	25.00	0.067	-23.44	52.50	0.064	-23.89	80.00	0.007	-43.54
4.00	0.912	-0.80	25.50	0.048	-26.35	53.00	0.060	-24.41	80.50	0.006	-44.42
4.25	0.896	-0.95	26.00	0.031	-30.27	53.50	0.056	-24.99	81.00	0.005	-45.35
4.50	0.880	-1.11	26.50	0.019	-34.61	54.00	0.052	-25.63	81.50	0.005	-46.33
4.75	0.862	-1.29	27.00	0.021	-33.42	54.50	0.048	-26.35	82.00	0.004	-47.38
5.00	0.843	-1.48	27.50	0.034	-29.36	55.00	0.044	-27.15	82.50	0.004	-48.50
5.25	0.823	-1.69	28.00	0.048	-26.33	55.50	0.040	-28.04	83.00	0.003	-49.70
5.50	0.802	-1.91	28.50	0.062	-24.16	56.00	0.035	-29.02	83.50	0.003	-50.99
5.75	0.781	-2.15	29.00	0.074	-22.56	56.50	0.031	-30.12	84.00	0.002	-52.39
6.00	0.758	-2.41	29.50	0.086	-21.35	57.00	0.027	-31.37	84.50	0.002	-53.91
6.25	0.735	-2.68	30.00	0.095	-20.43	57.50	0.023	-32.78	85.00	0.002	-55.57
6.50	0.711	-2.97	30.50	0.103	-19.73	58.00	0.019	-34.41	85.50	0.001	-57.41
6.75	0.686	-3.28	31.00	0.109	-19.21	58.50	0.015	-36.33	86.00	0.001	-59.46
7.00	0.661	-3.60	31.50	0.114	-18.85	59.00	0.012	-38.67	86.50	0.001	-60.00
7.25	0.635	-3.95	32.00	0.117	-18.62	59.50	0.008	-41.65	87.00	0.001	-60.00
7.50	0.608	-4.32	32.50	0.119	-18.52	60.00	0.005	-45.68	87.50	0.001	-60.00
7.75	0.582	-4.71	33.00	0.119	-18.52	60.50	0.003	-50.95	88.00	0.001	-60.00
8.00	0.554	-5.12	33.50	0.117	-18.64	61.00	0.003	-51.10	88.50	0.001	-60.00
8.25	0.527	-5.56	34.00	0.114	-18.85	61.50	0.005	-46.46	89.00	0.001	-60.00
8.50	0.500	-6.03	34.50	0.110	-19.17	62.00	0.007	-43.09	89.50	0.001	-60.00