

N. Lat. = 40-23-05.0 W. Lng. = 99-27-32.0
 HAAT and Distance to Contour,
 FCC OET,TV 3.2 - 16.1, 130 pts - FCC 30 Meter

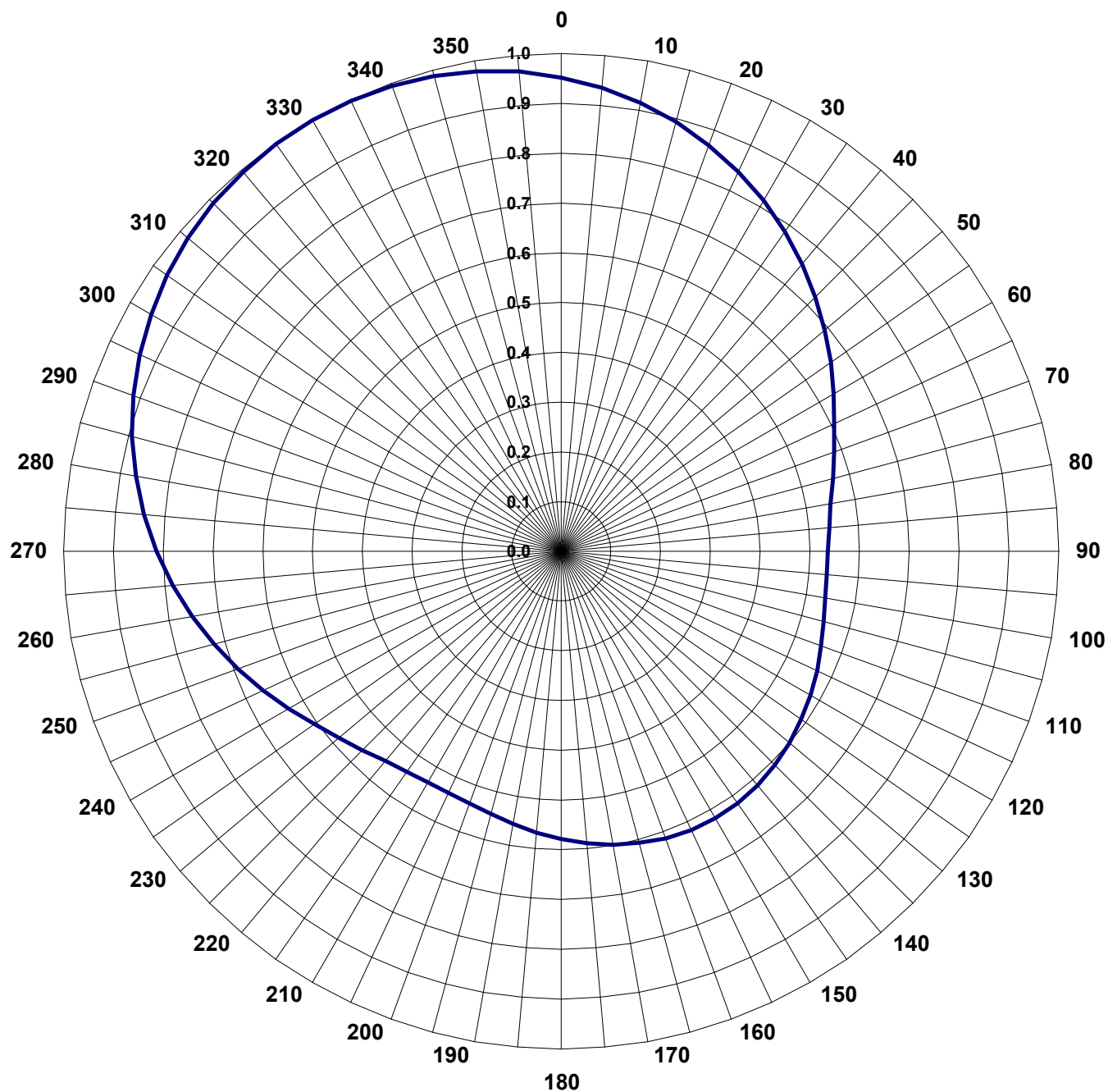
KLNE-TV, Nebraska Educational Telecomm, BLEDT-20070625AB

Azi.	AV EL	HAAT	ERP kw	dBk	Field	DAng	VFld	D-kw	%Max	D-dBk	39.95-F9
000	722.3	319.7	385.1792	25.86	0.952	0.495	0.983	372.2485	98.3	25.86	92.73
010	718.6	323.4	355.8206	25.51	0.915	0.498	0.984	344.2693	98.4	25.51	92.46
020	714.4	327.6	320.2052	25.05	0.868	0.501	0.984	310.0964	98.4	25.05	92.03
030	712.0	330.0	280.9118	24.49	0.813	0.503	0.984	272.1064	98.4	24.49	91.18
040	709.5	332.5	240.9788	23.82	0.753	0.505	0.984	233.4845	98.4	23.82	90.19
050	709.1	332.9	202.9294	23.07	0.691	0.505	0.984	196.6257	98.4	23.07	88.85
060	709.1	332.9	169.7552	22.30	0.632	0.505	0.984	164.4823	98.4	22.30	87.44
070	706.2	335.8	144.4528	21.60	0.583	0.508	0.984	140.0060	98.4	21.60	86.51
080	708.7	333.3	128.5625	21.09	0.550	0.506	0.984	124.5742	98.4	21.09	85.36
090	710.4	331.6	122.1008	20.87	0.536	0.504	0.984	118.2924	98.4	20.87	84.78
100	709.7	332.3	123.4714	20.92	0.539	0.505	0.984	119.6290	98.4	20.92	84.95
110	707.8	334.2	131.3828	21.19	0.556	0.506	0.984	127.3179	98.4	21.19	85.61
120	702.9	339.1	141.9857	21.52	0.578	0.510	0.985	137.6586	98.5	21.52	86.71
130	693.0	349.0	152.4904	21.83	0.599	0.517	0.985	147.9857	98.5	21.83	88.25
140	705.0	337.0	160.2233	22.05	0.614	0.509	0.985	155.3088	98.5	22.05	87.43
150	705.9	336.1	162.8434	22.12	0.619	0.508	0.985	157.8347	98.5	22.12	87.46
160	694.6	347.4	160.2233	22.05	0.614	0.516	0.985	155.4669	98.5	22.05	88.48
170	688.6	353.4	152.4904	21.83	0.599	0.521	0.985	148.0488	98.5	21.83	88.67
180	698.1	343.9	141.9857	21.52	0.578	0.514	0.985	137.7234	98.5	21.52	87.21
190	689.8	352.2	131.3828	21.19	0.556	0.520	0.985	127.5411	98.5	21.19	87.43
200	687.3	354.7	123.4714	20.92	0.539	0.522	0.985	119.8897	98.5	20.92	87.19
210	690.3	351.7	122.1008	20.87	0.536	0.520	0.985	118.5251	98.5	20.87	86.83
220	684.1	357.9	128.5625	21.09	0.550	0.524	0.986	124.8706	98.6	21.09	87.78
230	690.0	352.0	144.4528	21.60	0.583	0.520	0.985	140.2260	98.5	21.60	88.12
240	692.6	349.4	169.7552	22.30	0.632	0.518	0.985	164.7463	98.5	22.30	89.11
250	697.6	344.4	202.9294	23.07	0.691	0.514	0.985	196.8472	98.5	23.07	90.03
260	704.3	337.7	240.9788	23.82	0.753	0.509	0.985	233.6028	98.5	23.82	90.73
270	711.6	330.4	280.9118	24.49	0.813	0.504	0.984	272.1195	98.4	24.49	91.23
280	718.1	323.9	320.2052	25.05	0.868	0.499	0.984	309.8595	98.4	25.05	91.62
290	724.3	317.7	355.8206	25.51	0.915	0.494	0.983	343.6658	98.3	25.51	91.82
300	729.4	312.6	385.1792	25.86	0.952	0.490	0.982	371.4363	98.2	25.86	91.92
310	737.2	304.8	407.3374	26.10	0.979	0.484	0.981	391.8297	98.1	26.10	91.48
320	740.3	301.7	420.7606	26.24	0.995	0.481	0.980	404.3453	98.0	26.24	91.39
330	739.3	302.7	425.0000	26.28	1.000	0.482	0.980	408.5510	98.0	26.28	91.60
340	733.4	308.6	420.7606	26.24	0.995	0.487	0.981	405.2353	98.1	26.24	92.22
350	726.3	315.7	407.3374	26.10	0.979	0.492	0.982	393.1741	98.2	26.10	92.76

Ave El= 708.93 M HAAT= 333.07 M AMSL= 1042 M

AZIMUTH PATTERN**TYPE:****ATW-S****Frequency:****26 (DTV)****Numeric****dB****Location:****Lincoln, NE****Directivity:****1.83****2.62****Polarization:****Horizontal****Peak(s) at:**

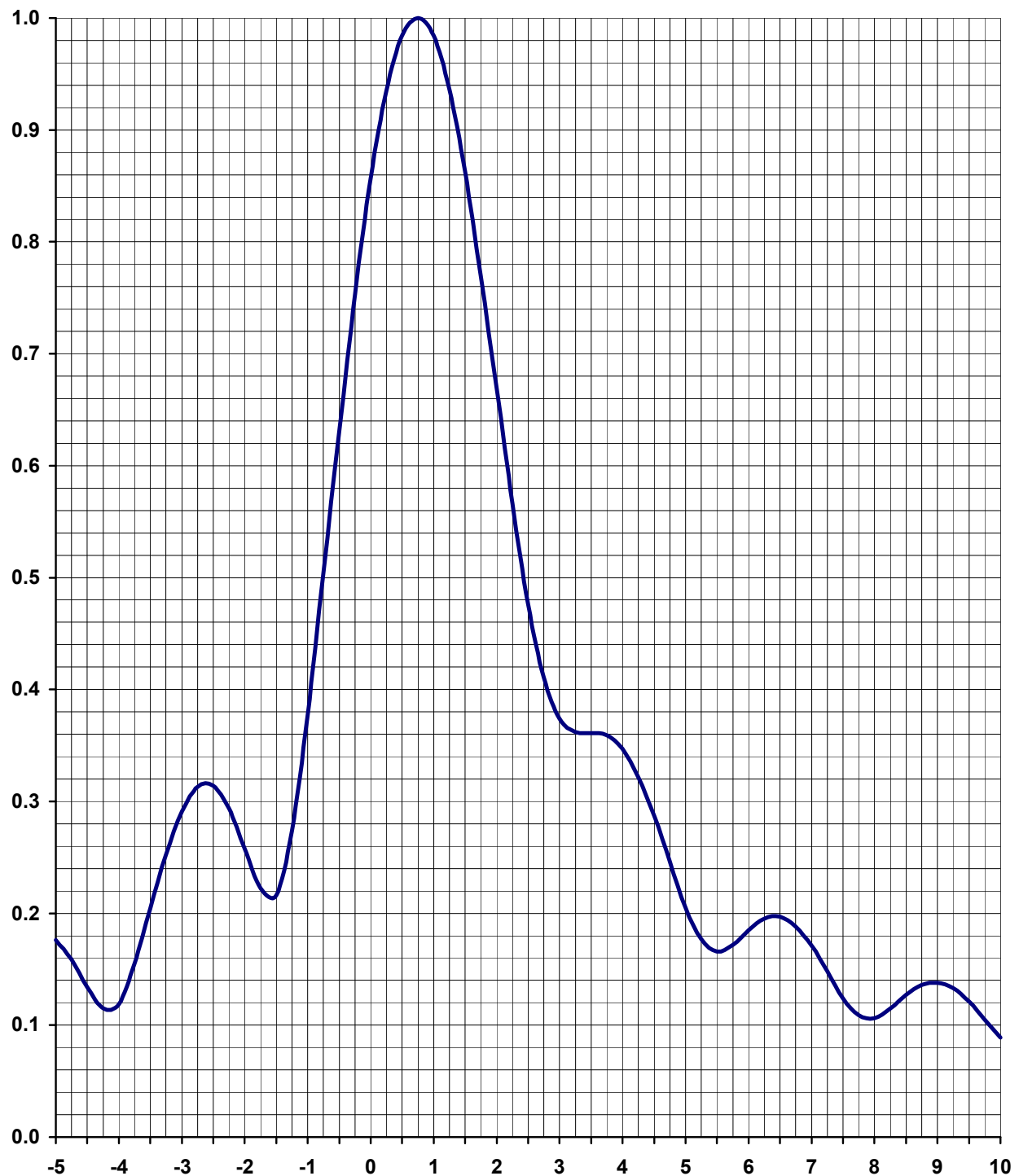
Note: Pattern shape and directivity may vary with
channel and mounting configuration.



TABULATED DATA FOR AZIMUTH PATTERN

TYPE: ATW-S

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.952	-0.43	92	0.535	-5.43	184	0.569	-4.90	276	0.847	-1.44
2	0.945	-0.49	94	0.535	-5.43	186	0.564	-4.97	278	0.858	-1.33
4	0.938	-0.56	96	0.536	-5.42	188	0.560	-5.04	280	0.868	-1.23
6	0.931	-0.62	98	0.538	-5.38	190	0.556	-5.10	282	0.878	-1.13
8	0.923	-0.70	100	0.539	-5.37	192	0.552	-5.16	284	0.888	-1.03
10	0.915	-0.77	102	0.542	-5.32	194	0.548	-5.22	286	0.897	-0.94
12	0.906	-0.86	104	0.545	-5.27	196	0.545	-5.27	288	0.906	-0.86
14	0.897	-0.94	106	0.548	-5.22	198	0.542	-5.32	290	0.915	-0.77
16	0.888	-1.03	108	0.552	-5.16	200	0.539	-5.37	292	0.923	-0.70
18	0.878	-1.13	110	0.556	-5.10	202	0.538	-5.38	294	0.931	-0.62
20	0.868	-1.23	112	0.560	-5.04	204	0.536	-5.42	296	0.938	-0.56
22	0.858	-1.33	114	0.564	-4.97	206	0.535	-5.43	298	0.945	-0.49
24	0.847	-1.44	116	0.569	-4.90	208	0.535	-5.43	300	0.952	-0.43
26	0.836	-1.56	118	0.573	-4.84	210	0.536	-5.42	302	0.958	-0.37
28	0.825	-1.67	120	0.578	-4.76	212	0.537	-5.40	304	0.964	-0.32
30	0.813	-1.80	122	0.582	-4.70	214	0.539	-5.37	306	0.969	-0.27
32	0.802	-1.92	124	0.587	-4.63	216	0.542	-5.32	308	0.974	-0.23
34	0.790	-2.05	126	0.591	-4.57	218	0.546	-5.26	310	0.979	-0.18
36	0.778	-2.18	128	0.595	-4.51	220	0.550	-5.19	312	0.983	-0.15
38	0.765	-2.33	130	0.599	-4.45	222	0.555	-5.11	314	0.986	-0.12
40	0.753	-2.46	132	0.602	-4.41	224	0.561	-5.02	316	0.990	-0.09
42	0.740	-2.62	134	0.606	-4.35	226	0.568	-4.91	318	0.992	-0.07
44	0.728	-2.76	136	0.609	-4.31	228	0.575	-4.81	320	0.995	-0.04
46	0.715	-2.91	138	0.611	-4.28	230	0.583	-4.69	322	0.997	-0.03
48	0.703	-3.06	140	0.614	-4.24	232	0.592	-4.55	324	0.998	-0.02
50	0.691	-3.21	142	0.615	-4.22	234	0.601	-4.42	326	0.999	-0.01
52	0.679	-3.36	144	0.617	-4.19	236	0.611	-4.28	328	1.000	0.00
54	0.667	-3.52	146	0.618	-4.18	238	0.621	-4.14	330	1.000	0.00
56	0.655	-3.68	148	0.619	-4.17	240	0.632	-3.99	332	1.000	0.00
58	0.643	-3.84	150	0.619	-4.17	242	0.643	-3.84	334	0.999	-0.01
60	0.632	-3.99	152	0.619	-4.17	244	0.655	-3.68	336	0.998	-0.02
62	0.621	-4.14	154	0.618	-4.18	246	0.667	-3.52	338	0.997	-0.03
64	0.611	-4.28	156	0.617	-4.19	248	0.679	-3.36	340	0.995	-0.04
66	0.601	-4.42	158	0.615	-4.22	250	0.691	-3.21	342	0.992	-0.07
68	0.592	-4.55	160	0.614	-4.24	252	0.703	-3.06	344	0.990	-0.09
70	0.583	-4.69	162	0.611	-4.28	254	0.715	-2.91	346	0.986	-0.12
72	0.575	-4.81	164	0.609	-4.31	256	0.728	-2.76	348	0.983	-0.15
74	0.568	-4.91	166	0.606	-4.35	258	0.740	-2.62	350	0.979	-0.18
76	0.561	-5.02	168	0.602	-4.41	260	0.753	-2.46	352	0.974	-0.23
78	0.555	-5.11	170	0.599	-4.45	262	0.765	-2.33	354	0.969	-0.27
80	0.550	-5.19	172	0.595	-4.51	264	0.778	-2.18	356	0.964	-0.32
82	0.546	-5.26	174	0.591	-4.57	266	0.790	-2.05	358	0.958	-0.37
84	0.542	-5.32	176	0.587	-4.63	268	0.802	-1.92	360	0.952	-0.43
86	0.539	-5.37	178	0.582	-4.70	270	0.813	-1.80			
88	0.537	-5.40	180	0.578	-4.76	272	0.825	-1.67			
90	0.536	-5.42	182	0.573	-4.84	274	0.836	-1.56			

ELEVATION PATTERN**TYPE:****ATW28H3H****Frequency:****26 (DTV)****Directivity:****Numeric****dBd****Location:****Lincoln, NE****Main Lobe:****22.00****13.42****Beam Tilt:****0.75****Horizontal:****16.16****12.08****Polarization:****Horizontal**

TABULATED DATA FOR ELEVATION PATTERN**ATW28H3H****-5 to 10 degrees in 0.25 increments 10 to 90 degrees in 0.50 increments**

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-5.000	0.176	-15.09	6.75	0.188	-14.52	27.00	0.052	-25.68	50.50	0.023	-32.77	74.00	0.063	-24.01
-4.750	0.159	-15.97	7.00	0.171	-15.34	27.50	0.045	-26.94	51.00	0.030	-30.46	74.50	0.064	-23.88
-4.500	0.134	-17.46	7.25	0.148	-16.59	28.00	0.033	-29.63	51.50	0.040	-27.96	75.00	0.064	-23.88
-4.250	0.115	-18.79	7.50	0.124	-18.13	28.50	0.031	-30.17	52.00	0.046	-26.74	75.50	0.062	-24.15
-4.000	0.119	-18.49	7.75	0.109	-19.25	29.00	0.041	-27.74	52.50	0.048	-26.38	76.00	0.060	-24.44
-3.750	0.155	-16.19	8.00	0.106	-19.49	29.50	0.049	-26.20	53.00	0.043	-27.33	76.50	0.056	-25.04
-3.500	0.204	-13.81	8.25	0.115	-18.79	30.00	0.047	-26.56	53.50	0.035	-29.12	77.00	0.051	-25.85
-3.250	0.252	-11.97	8.50	0.127	-17.92	30.50	0.037	-28.64	54.00	0.025	-32.04	77.50	0.046	-26.74
-3.000	0.291	-10.72	8.75	0.136	-17.33	31.00	0.028	-31.06	54.50	0.023	-32.77	78.00	0.040	-27.96
-2.750	0.313	-10.09	9.00	0.138	-17.20	31.50	0.033	-29.63	55.00	0.030	-30.46	78.50	0.034	-29.37
-2.500	0.314	-10.06	9.25	0.133	-17.52	32.00	0.043	-27.33	55.50	0.040	-27.96	79.00	0.029	-30.75
-2.250	0.294	-10.63	9.50	0.121	-18.34	32.50	0.047	-26.56	56.00	0.047	-26.56	79.50	0.023	-32.77
-2.000	0.258	-11.77	9.75	0.105	-19.58	33.00	0.042	-27.54	56.50	0.050	-26.02	80.00	0.019	-34.42
-1.750	0.222	-13.07	10.00	0.089	-21.01	33.50	0.032	-29.90	57.00	0.049	-26.20	80.50	0.015	-36.48
-1.500	0.216	-13.31	10.50	0.079	-22.05	34.00	0.026	-31.70	57.50	0.042	-27.54	81.00	0.013	-37.72
-1.250	0.274	-11.24	11.00	0.098	-20.18	34.50	0.034	-29.37	58.00	0.033	-29.63	81.50	0.013	-37.72
-1.000	0.377	-8.47	11.50	0.107	-19.41	35.00	0.043	-27.33	58.50	0.024	-32.40	82.00	0.013	-37.72
-0.750	0.503	-5.97	12.00	0.093	-20.63	35.50	0.046	-26.74	59.00	0.023	-32.77	82.50	0.015	-36.48
-0.500	0.632	-3.99	12.50	0.069	-23.22	36.00	0.040	-27.96	59.50	0.031	-30.17	83.00	0.016	-35.92
-0.250	0.753	-2.46	13.00	0.064	-23.88	36.50	0.030	-30.46	60.00	0.041	-27.74	83.50	0.017	-35.39
0.000	0.857	-1.34	13.50	0.080	-21.94	37.00	0.025	-32.04	60.50	0.049	-26.20	84.00	0.018	-34.89
0.250	0.935	-0.58	14.00	0.088	-21.11	37.50	0.033	-29.63	61.00	0.053	-25.51	84.50	0.018	-34.89
0.500	0.984	-0.14	14.50	0.077	-22.27	38.00	0.042	-27.54	61.50	0.054	-25.35	85.00	0.018	-34.89
0.750	1.000	0.00	15.00	0.057	-24.88	38.50	0.045	-26.94	62.00	0.050	-26.02	85.50	0.018	-34.89
1.000	0.984	-0.14	15.50	0.053	-25.51	39.00	0.041	-27.74	62.50	0.043	-27.33	86.00	0.017	-35.39
1.250	0.936	-0.57	16.00	0.068	-23.35	39.50	0.031	-30.17	63.00	0.034	-29.37	86.50	0.016	-35.92
1.500	0.863	-1.28	16.50	0.075	-22.50	40.00	0.024	-32.40	63.50	0.025	-32.04	87.00	0.014	-37.08
1.750	0.770	-2.27	17.00	0.066	-23.61	40.50	0.030	-30.46	64.00	0.021	-33.56	87.50	0.012	-38.42
2.000	0.668	-3.50	17.50	0.049	-26.20	41.00	0.040	-27.96	64.50	0.026	-31.70	88.00	0.010	-40.00
2.250	0.566	-4.94	18.00	0.046	-26.74	41.50	0.045	-26.94	65.00	0.036	-28.87	88.50	0.008	-41.94
2.500	0.476	-6.45	18.50	0.059	-24.58	42.00	0.043	-27.33	65.50	0.045	-26.94	89.00	0.005	-46.02
2.750	0.411	-7.72	19.00	0.067	-23.48	42.50	0.035	-29.12	66.00	0.053	-25.51	89.50	0.003	-50.46
3.000	0.374	-8.54	19.50	0.060	-24.44	43.00	0.025	-32.04	66.50	0.057	-24.88	90.00	0.000	---
3.250	0.362	-8.83	20.00	0.045	-26.94	43.50	0.025	-32.04	67.00	0.059	-24.58			
3.500	0.361	-8.85	20.50	0.040	-27.96	44.00	0.034	-29.37	67.50	0.058	-24.73			
3.750	0.359	-8.90	21.00	0.051	-25.85	44.50	0.043	-27.33	68.00	0.053	-25.51			
4.000	0.347	-9.19	21.50	0.060	-24.44	45.00	0.046	-26.74	68.50	0.046	-26.74			
4.250	0.322	-9.84	22.00	0.056	-25.04	45.50	0.042	-27.54	69.00	0.038	-28.40			
4.500	0.287	-10.84	22.50	0.043	-27.33	46.00	0.033	-29.63	69.50	0.029	-30.75			
4.750	0.246	-12.18	23.00	0.035	-29.12	46.50	0.024	-32.40	70.00	0.021	-33.56			
5.000	0.205	-13.76	23.50	0.044	-27.13	47.00	0.025	-32.04	70.50	0.019	-34.42			
5.250	0.177	-15.04	24.00	0.054	-25.35	47.50	0.035	-29.12	71.00	0.023	-32.77			
5.500	0.166	-15.60	24.50	0.053	-25.51	48.00	0.043	-27.33	71.50	0.031	-30.17			
5.750	0.172	-15.29	25.00	0.043	-27.33	48.50	0.047	-26.56	72.00	0.040	-27.96			
6.000	0.185	-14.66	25.50	0.033	-29.63	49.00	0.044	-27.13	72.50	0.048	-26.38			
6.250	0.195	-14.20	26.00	0.037	-28.64	49.50	0.036	-28.87	73.00	0.054	-25.35			
6.500	0.197	-14.11	26.50	0.048	-26.38	50.00	0.026	-31.70	73.50	0.059	-24.58			