



Proposal Number

DCA-11376

Call Letters

WYDC-DT

Location

Corning, NY

Customer

Antenna Type

TUA-C4SP-8/28M-1-T

AZIMUTH PATTERN

Gain

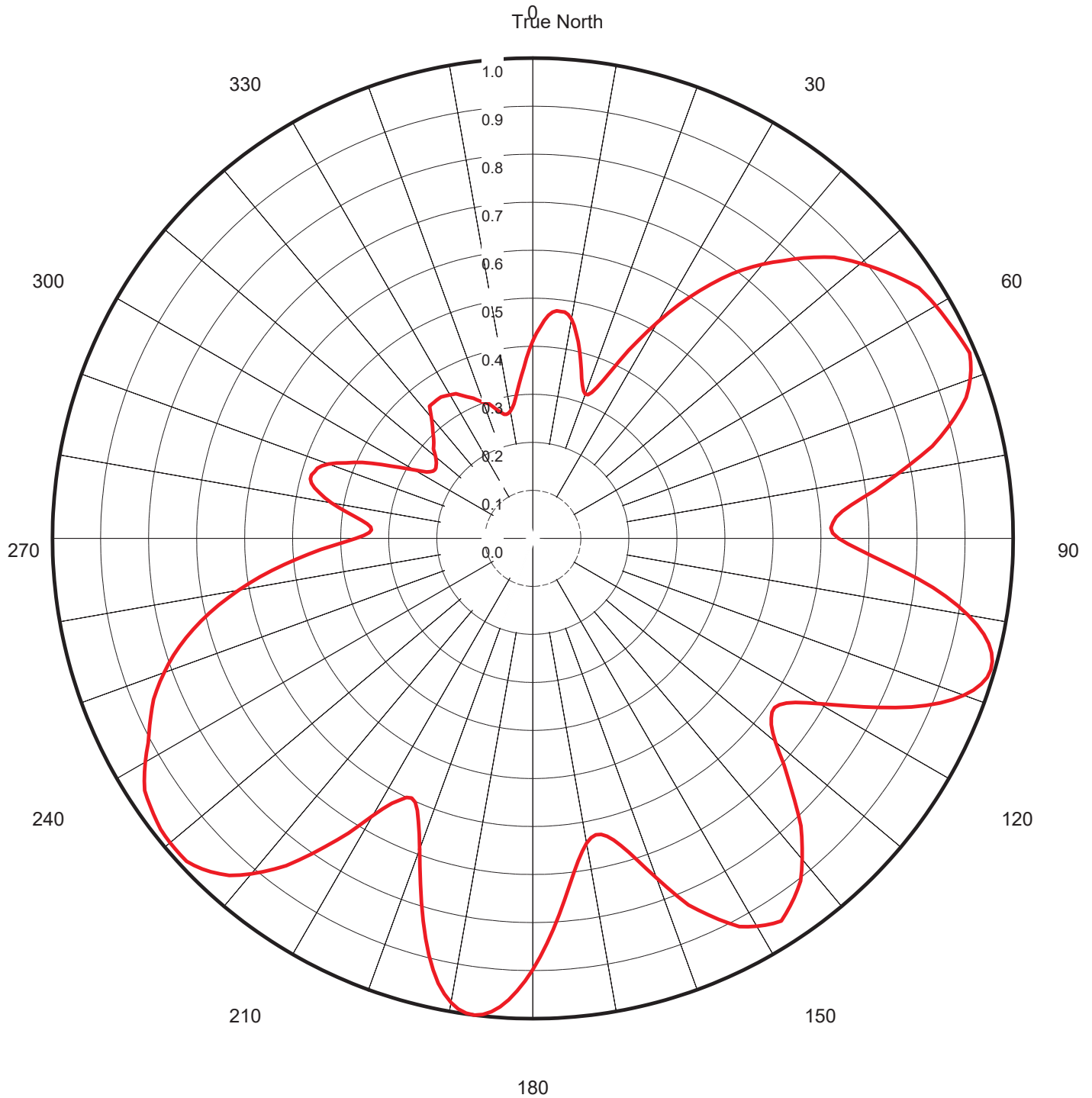
2.00 (3.01 dB)

Frequency

569.00 MHz

Drawing #

TUA-C4SP-6770



Call	WYDC-DT
Location	Corning, NY
Channel	30
Antenna Type	TUA-C4SP-8/28M-1-T

Tabulation of Azimuth Pattern

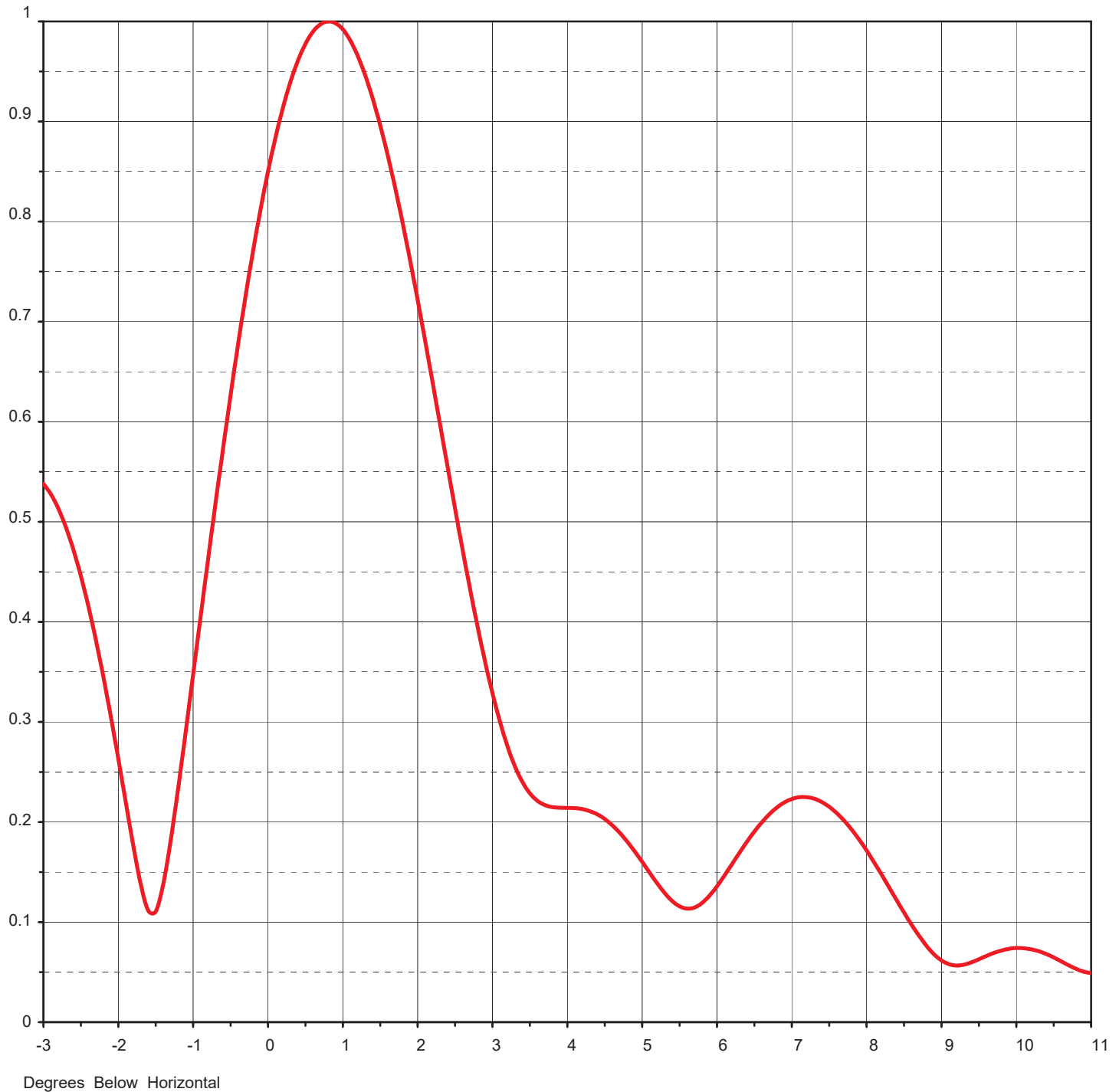
Angle	Field	ERP		Angle	Field	ERP
0	0.411	0.905		180	0.898	4.322
10	0.463	1.149		187	1	5.360
20	0.32	0.549		190	0.981	5.158
30	0.52	1.449		200	0.689	2.545
40	0.745	2.975		210	0.667	2.385
45	0.818	3.587		220	0.912	4.458
50	0.891	4.255		225	0.949	4.827
60	0.969	5.033		230	0.986	5.211
70	0.969	5.033		240	0.932	4.656
80	0.77	3.178		250	0.817	3.578
90	0.636	2.168		260	0.622	2.074
100	0.92	4.537		270	0.368	0.726
110	0.955	4.888		280	0.426	0.973
120	0.688	2.537		290	0.453	1.100
130	0.659	2.328		300	0.285	0.435
135	0.77	3.178		310	0.264	0.374
140	0.872	4.076		315	0.296	0.470
150	0.933	4.666		320	0.329	0.580
160	0.752	3.031		330	0.345	0.638
170	0.645	2.230		340	0.302	0.489
				350	0.269	0.388



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ELEVATION PATTERN

RMS Gain at Main Lobe	15.00	(11.76 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	10.80	(10.33 dB)	Frequency	569.00 MHz
			Drawing #	08U160075





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Location

Corning, NY

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Antenna Type

TUA-C4SP-8/28M-1-T

ELEVATION PATTERN

RMS Gain at Main Lobe **15.00 (11.76 dB)**

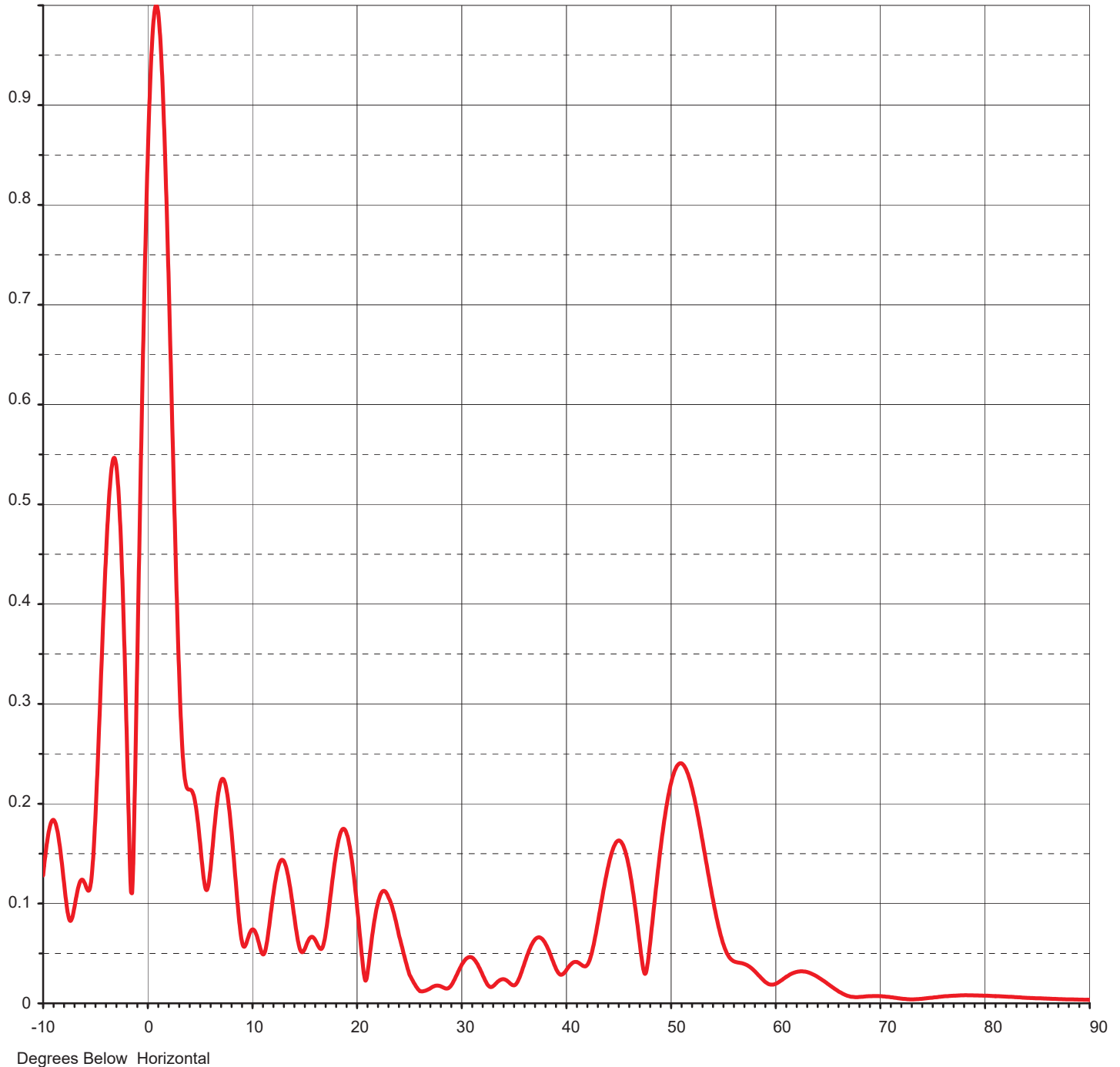
Beam Tilt **0.75 deg**

RMS Gain at Horizontal **10.80 (10.33 dB)**

Frequency **569.00 MHz**

Drawing #

08U160075-90





Proposal Number **DCA-11376**

Call Letters **WYDC-DT**
Location **Corning, NY**

Customer
Antenna Type **TUA-C4SP-8/28M-1-T**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **08U160075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.128	2.4	0.555	10.6	0.065	30.5	0.044	51.0	0.241	71.5	0.005
-9.5	0.169	2.6	0.472	10.8	0.057	31.0	0.046	51.5	0.235	72.0	0.005
-9.0	0.184	2.8	0.396	11.0	0.051	31.5	0.041	52.0	0.220	72.5	0.004
-8.5	0.164	3.0	0.329	11.5	0.062	32.0	0.031	52.5	0.197	73.0	0.004
-8.0	0.121	3.2	0.276	12.0	0.102	32.5	0.020	53.0	0.169	73.5	0.004
-7.5	0.084	3.4	0.240	12.5	0.134	33.0	0.017	53.5	0.139	74.0	0.005
-7.0	0.097	3.6	0.221	13.0	0.144	33.5	0.021	54.0	0.109	74.5	0.005
-6.5	0.121	3.8	0.215	13.5	0.128	34.0	0.024	54.5	0.083	75.0	0.006
-6.0	0.120	4.0	0.214	14.0	0.094	34.5	0.022	55.0	0.062	75.5	0.006
-5.5	0.116	4.2	0.213	14.5	0.060	35.0	0.018	55.5	0.049	76.0	0.007
-5.0	0.188	4.4	0.208	15.0	0.053	35.5	0.023	56.0	0.043	76.5	0.007
-4.5	0.317	4.6	0.197	15.5	0.064	36.0	0.037	56.5	0.041	77.0	0.008
-4.0	0.447	4.8	0.181	16.0	0.065	36.5	0.052	57.0	0.040	77.5	0.008
-3.5	0.532	5.0	0.160	16.5	0.056	37.0	0.063	57.5	0.037	78.0	0.008
-3.0	0.538	5.2	0.139	17.0	0.064	37.5	0.066	58.0	0.033	78.5	0.008
-2.8	0.513	5.4	0.121	17.5	0.102	38.0	0.062	58.5	0.028	79.0	0.008
-2.6	0.472	5.6	0.113	18.0	0.144	38.5	0.051	59.0	0.022	79.5	0.008
-2.4	0.416	5.8	0.119	18.5	0.170	39.0	0.037	59.5	0.019	80.0	0.008
-2.2	0.345	6.0	0.136	19.0	0.173	39.5	0.029	60.0	0.019	80.5	0.007
-2.0	0.263	6.2	0.158	19.5	0.150	40.0	0.032	60.5	0.022	81.0	0.007
-1.8	0.177	6.4	0.180	20.0	0.107	40.5	0.039	61.0	0.026	81.5	0.007
-1.6	0.112	6.6	0.200	20.5	0.054	41.0	0.041	61.5	0.029	82.0	0.007
-1.4	0.138	6.8	0.214	21.0	0.025	41.5	0.039	62.0	0.031	82.5	0.007
-1.2	0.234	7.0	0.223	21.5	0.064	42.0	0.038	62.5	0.032	83.0	0.006
-1.0	0.347	7.2	0.225	22.0	0.097	42.5	0.050	63.0	0.032	83.5	0.006
-0.8	0.462	7.4	0.220	22.5	0.112	43.0	0.075	63.5	0.030	84.0	0.005
-0.6	0.574	7.6	0.209	23.0	0.109	43.5	0.105	64.0	0.027	84.5	0.005
-0.4	0.678	7.8	0.192	23.5	0.095	44.0	0.133	64.5	0.023	85.0	0.005
-0.2	0.771	8.0	0.172	24.0	0.073	44.5	0.153	65.0	0.019	85.5	0.005
0.0	0.850	8.2	0.148	24.5	0.052	45.0	0.163	65.5	0.015	86.0	0.005
0.2	0.914	8.4	0.122	25.0	0.032	45.5	0.159	66.0	0.012	86.5	0.004
0.4	0.961	8.6	0.097	25.5	0.021	46.0	0.140	66.5	0.009	87.0	0.004
0.6	0.990	8.8	0.076	26.0	0.013	46.5	0.109	67.0	0.007	87.5	0.004
0.8	1.000	9.0	0.062	26.5	0.012	47.0	0.069	67.5	0.006	88.0	0.004
1.0	0.992	9.2	0.057	27.0	0.014	47.5	0.032	68.0	0.006	88.5	0.004
1.2	0.965	9.4	0.060	27.5	0.017	48.0	0.051	68.5	0.007	89.0	0.004
1.4	0.923	9.6	0.066	28.0	0.017	48.5	0.100	69.0	0.007	89.5	0.004
1.6	0.866	9.8	0.069	28.5	0.015	49.0	0.147	69.5	0.007	90.0	0.004
1.8	0.798	10.0	0.073	29.0	0.017	49.5	0.187	70.0	0.007		
2.0	0.722	10.2	0.074	29.5	0.026	50.0	0.216	70.5	0.007		
2.2	0.639	10.4	0.071	30.0	0.037	50.5	0.234	71.0	0.006		