

Exhibit No.
33-AZ

Date
Call Letters
Location
Customer
Antenna Type

12 Jun 2003
KSRE-DT
Minot
Prairie Public
881-24

Channel 40

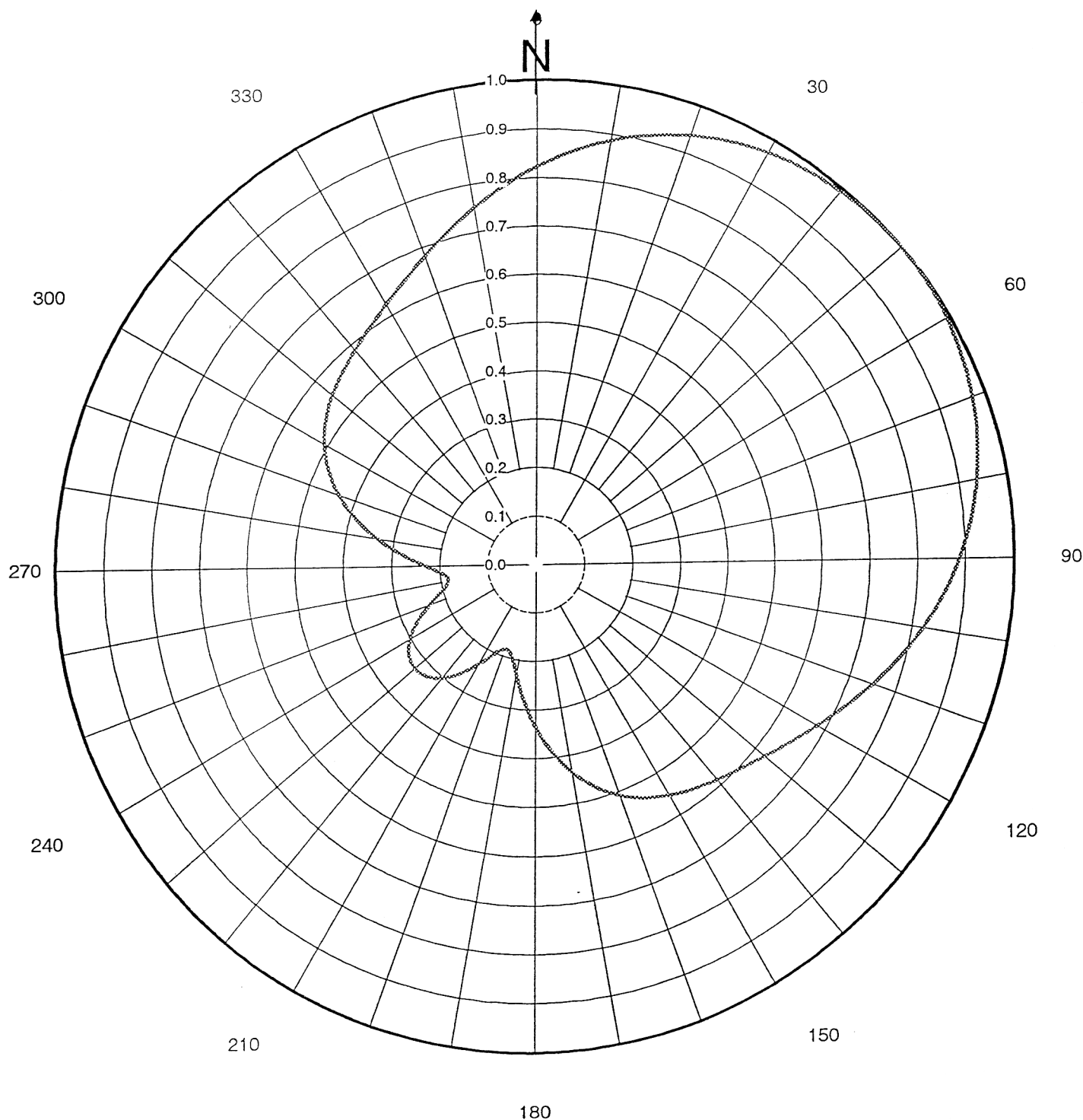
AZIMUTH PATTERN

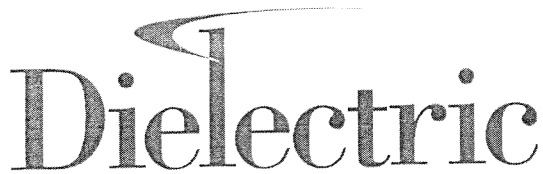
Gain
Calculated / Measured

2.30 (3.62 dB)
Calculated

Frequency
Drawing #

629 MHz
881-CH.40





Date 12 Jun 2003
Call Letters KSRE-DT Channel 40
Location Minot
Customer Prairie Public
Antenna Type 881-24

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # 881-CH.40

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.822	45	0.998	90	0.886	135	0.604	180	0.335	225	0.321	270	0.229	315	0.570
1	0.829	46	0.999	91	0.880	136	0.600	181	0.324	226	0.323	271	0.239	316	0.573
2	0.836	47	0.999	92	0.874	137	0.596	182	0.313	227	0.325	272	0.248	317	0.576
3	0.843	48	1.000	93	0.868	138	0.593	183	0.302	228	0.327	273	0.259	318	0.579
4	0.849	49	1.000	94	0.862	139	0.589	184	0.291	229	0.327	274	0.269	319	0.583
5	0.856	50	1.000	95	0.856	140	0.586	185	0.280	230	0.328	275	0.280	320	0.586
6	0.862	51	1.000	96	0.849	141	0.583	186	0.269	231	0.327	276	0.291	321	0.589
7	0.868	52	1.000	97	0.843	142	0.579	187	0.259	232	0.327	277	0.302	322	0.593
8	0.874	53	0.999	98	0.836	143	0.576	188	0.248	233	0.325	278	0.313	323	0.596
9	0.880	54	0.999	99	0.829	144	0.573	189	0.239	234	0.323	279	0.324	324	0.600
10	0.886	55	0.998	100	0.822	145	0.570	190	0.229	235	0.321	280	0.335	325	0.604
11	0.892	56	0.998	101	0.815	146	0.567	191	0.221	236	0.318	281	0.346	326	0.608
12	0.898	57	0.997	102	0.808	147	0.563	192	0.213	237	0.315	282	0.356	327	0.612
13	0.903	58	0.996	103	0.801	148	0.560	193	0.206	238	0.311	283	0.367	328	0.616
14	0.908	59	0.994	104	0.794	149	0.557	194	0.199	239	0.306	284	0.377	329	0.621
15	0.914	60	0.993	105	0.787	150	0.553	195	0.194	240	0.301	285	0.388	330	0.625
16	0.919	61	0.992	106	0.780	151	0.549	196	0.190	241	0.296	286	0.398	331	0.630
17	0.923	62	0.990	107	0.772	152	0.546	197	0.187	242	0.290	287	0.408	332	0.635
18	0.928	63	0.988	108	0.765	153	0.542	198	0.185	243	0.284	288	0.417	333	0.640
19	0.933	64	0.987	109	0.758	154	0.538	199	0.184	244	0.278	289	0.426	334	0.645
20	0.937	65	0.985	110	0.750	155	0.533	200	0.185	245	0.271	290	0.435	335	0.651
21	0.941	66	0.983	111	0.743	156	0.529	201	0.186	246	0.264	291	0.444	336	0.657
22	0.945	67	0.980	112	0.736	157	0.524	202	0.189	247	0.257	292	0.452	337	0.663
23	0.949	68	0.978	113	0.729	158	0.519	203	0.193	248	0.250	293	0.460	338	0.669
24	0.953	69	0.975	114	0.722	159	0.513	204	0.197	249	0.243	294	0.468	339	0.675
25	0.957	70	0.973	115	0.715	160	0.508	205	0.202	250	0.235	295	0.476	340	0.681
26	0.960	71	0.970	116	0.708	161	0.502	206	0.208	251	0.228	296	0.483	341	0.688
27	0.963	72	0.967	117	0.701	162	0.496	207	0.215	252	0.221	297	0.489	342	0.694
28	0.967	73	0.963	118	0.694	163	0.489	208	0.221	253	0.215	298	0.496	343	0.701
29	0.970	74	0.960	119	0.688	164	0.483	209	0.228	254	0.208	299	0.502	344	0.708
30	0.973	75	0.957	120	0.681	165	0.476	210	0.235	255	0.202	300	0.508	345	0.715
31	0.975	76	0.953	121	0.675	166	0.468	211	0.243	256	0.197	301	0.513	346	0.722
32	0.978	77	0.949	122	0.669	167	0.460	212	0.250	257	0.193	302	0.519	347	0.729
33	0.980	78	0.945	123	0.663	168	0.452	213	0.257	258	0.189	303	0.524	348	0.736
34	0.983	79	0.941	124	0.657	169	0.444	214	0.264	259	0.186	304	0.529	349	0.743
35	0.985	80	0.937	125	0.651	170	0.435	215	0.271	260	0.185	305	0.533	350	0.750
36	0.987	81	0.933	126	0.645	171	0.426	216	0.278	261	0.184	306	0.538	351	0.758
37	0.988	82	0.928	127	0.640	172	0.417	217	0.284	262	0.185	307	0.542	352	0.765
38	0.990	83	0.923	128	0.635	173	0.408	218	0.290	263	0.187	308	0.546	353	0.772
39	0.992	84	0.919	129	0.630	174	0.398	219	0.296	264	0.190	309	0.549	354	0.780
40	0.993	85	0.914	130	0.625	175	0.388	220	0.301	265	0.194	310	0.553	355	0.787
41	0.994	86	0.908	131	0.621	176	0.377	221	0.306	266	0.199	311	0.557	356	0.794
42	0.996	87	0.903	132	0.616	177	0.367	222	0.311	267	0.206	312	0.560	357	0.801
43	0.997	88	0.898	133	0.612	178	0.356	223	0.315	268	0.213	313	0.563	358	0.808
44	0.998	89	0.892	134	0.608	179	0.346	224	0.318	269	0.221	314	0.567	359	0.815

Transmitter Power	4990 Watts
Transmitter Power	6.98 dBk
Line Loss (3 1/8")	-2.19 dB
Antenna Gain	16.86 dB
Maximum ERP	21.65 dBK

Exhibit 33-Horizontal Plane Data
KSRE-DT Minot, ND
Prairie Public Broadcasting, Inc.
Fargo, North Dakota
Jim Solum
6/15/2003

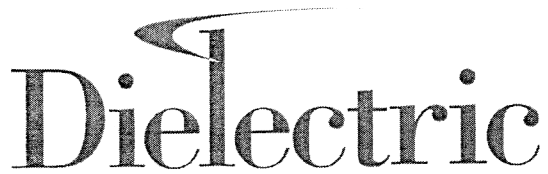
Degrees From True North	Relative Field	dB	dBK
0	0.822	-0.85	20.80
10	0.886	-0.53	21.13
20	0.937	-0.28	21.37
30	0.973	-0.12	21.53
40	0.993	-0.03	21.62
50	1.000	0.00	21.65
60	0.993	-0.03	21.62
70	0.973	-0.12	21.53
80	0.937	-0.28	21.37
90	0.886	-0.53	21.13
100	0.822	-0.85	20.80
110	0.750	-1.25	20.40
120	0.681	-1.67	19.98
130	0.625	-2.04	19.61
140	0.586	-2.32	19.33
150	0.553	-2.57	19.08
160	0.508	-2.94	18.71
170	0.435	-3.62	18.04
180	0.335	-4.75	16.90
190	0.229	-6.40	15.25
200	0.185	-7.33	14.32
210	0.235	-6.29	15.36
220	0.301	-5.21	16.44
230	0.328	-4.84	16.81
240	0.301	-5.21	16.44
250	0.235	-6.29	15.36
260	0.185	-7.33	14.32
270	0.229	-6.40	15.25
280	0.335	-4.75	16.90
290	0.435	-3.62	18.04
300	0.508	-2.94	18.71
310	0.553	-2.57	19.08
320	0.586	-2.32	19.33
330	0.625	-2.04	19.61
340	0.681	-1.67	19.98
350	0.750	-1.25	20.40

Maxima

Angle	Field	ERP (dBk)
48	1.000	21.65
49	1.000	21.65
50	1.000	21.65
51	1.000	21.65
52	1.000	21.65

Minima

Angle	Field	ERP (dBk)
199	0.184	14.30
261	0.184	14.30



Date
Call Letters
Location
Customer
Antenna Type

12 Jun 2003
KSRE-DT
Minot
Prairie Public
881-24

Channel 40

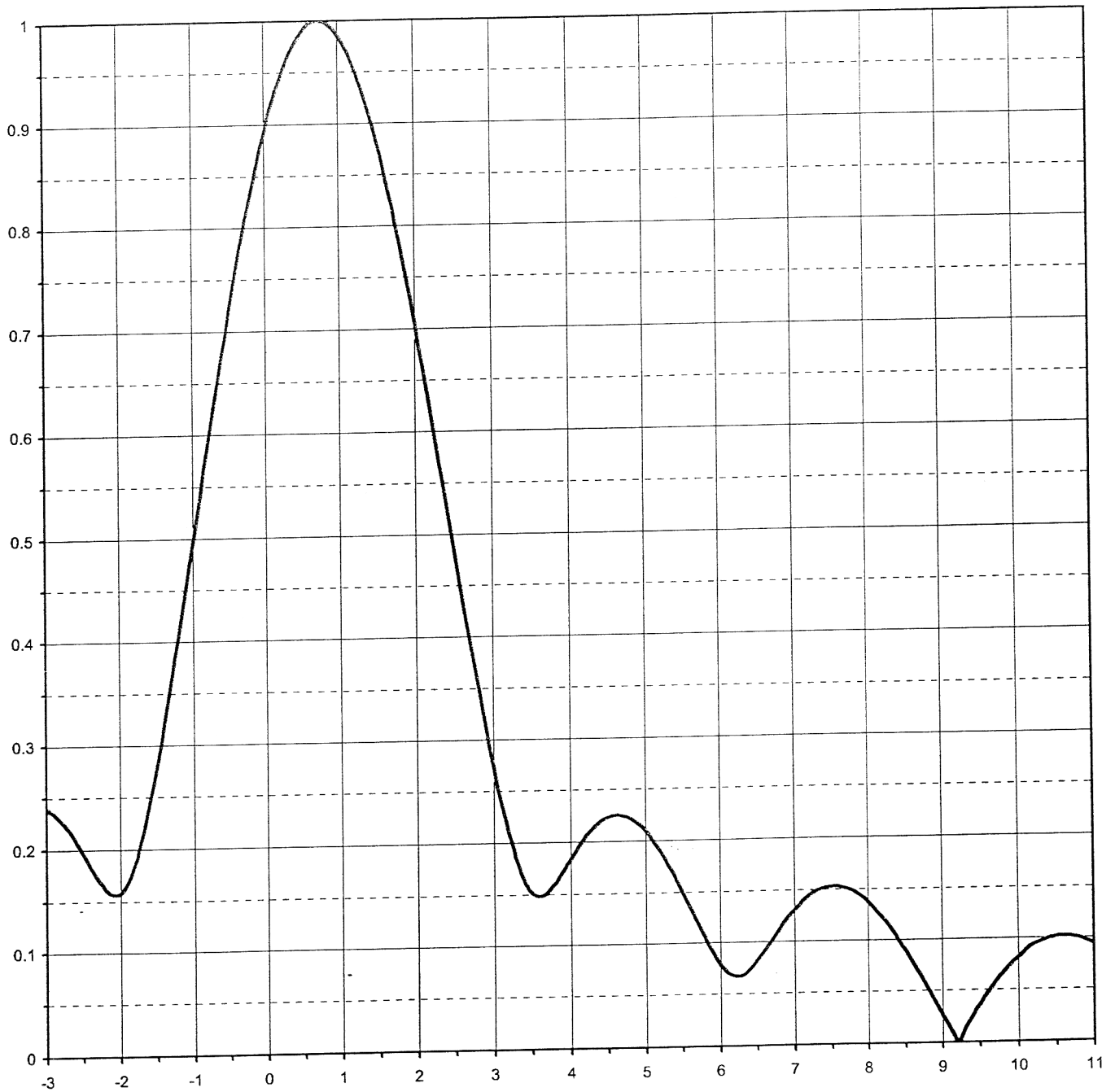
ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

21.10 (13.24 dB)
16.90 (12.28 dB)
Calculated

Beam Tilt
Frequency
Drawing #

0.75 Degrees
629.00 MHz
24I211075





Date 12 Jun 2003
Call Letters KSRE-DT Channel 40
Location Minot
Customer Prairie Public
Antenna Type 881-24

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: 24I211075

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.083	2.4	0.528	10.6	0.102	30.5	0.011	51.0	0.027	71.5	0.011
-9.5	0.118	2.6	0.438	10.8	0.102	31.0	0.019	51.5	0.023	72.0	0.012
-9.0	0.127	2.8	0.351	11.0	0.097	31.5	0.027	52.0	0.018	72.5	0.013
-8.5	0.102	3.0	0.271	11.5	0.073	32.0	0.029	52.5	0.012	73.0	0.014
-8.0	0.047	3.2	0.205	12.0	0.040	32.5	0.025	53.0	0.009	73.5	0.014
-7.5	0.028	3.4	0.161	12.5	0.032	33.0	0.018	53.5	0.010	74.0	0.014
-7.0	0.103	3.6	0.148	13.0	0.050	33.5	0.012	54.0	0.014	74.5	0.014
-6.5	0.157	3.8	0.161	13.5	0.060	34.0	0.014	54.5	0.018	75.0	0.013
-6.0	0.175	4.0	0.184	14.0	0.054	34.5	0.017	55.0	0.019	75.5	0.012
-5.5	0.149	4.2	0.205	14.5	0.037	35.0	0.017	55.5	0.019	76.0	0.011
-5.0	0.093	4.4	0.219	15.0	0.024	35.5	0.011	56.0	0.017	76.5	0.010
-4.5	0.086	4.6	0.225	15.5	0.029	36.0	0.001	56.5	0.014	77.0	0.009
-4.0	0.161	4.8	0.221	16.0	0.035	36.5	0.012	57.0	0.011	77.5	0.008
-3.5	0.225	5.0	0.209	16.5	0.029	37.0	0.026	57.5	0.008	78.0	0.007
-3.0	0.239	5.2	0.189	17.0	0.009	37.5	0.037	58.0	0.008	78.5	0.006
-2.8	0.227	5.4	0.163	17.5	0.018	38.0	0.044	58.5	0.009	79.0	0.005
-2.6	0.207	5.6	0.133	18.0	0.047	38.5	0.045	59.0	0.011	79.5	0.004
-2.4	0.182	5.8	0.103	18.5	0.069	39.0	0.041	59.5	0.012	80.0	0.003
-2.2	0.161	6.0	0.078	19.0	0.079	39.5	0.032	60.0	0.011	80.5	0.003
-2.0	0.158	6.2	0.067	19.5	0.075	40.0	0.021	60.5	0.010	81.0	0.003
-1.8	0.187	6.4	0.074	20.0	0.058	40.5	0.017	61.0	0.007	81.5	0.002
-1.6	0.245	6.6	0.093	20.5	0.036	41.0	0.022	61.5	0.003	82.0	0.002
-1.4	0.321	6.8	0.113	21.0	0.028	41.5	0.029	62.0	0.002	82.5	0.002
-1.2	0.407	7.0	0.131	21.5	0.041	42.0	0.033	62.5	0.006	83.0	0.002
-1.0	0.498	7.2	0.145	22.0	0.052	42.5	0.033	63.0	0.011	83.5	0.002
-0.8	0.589	7.4	0.152	22.5	0.051	43.0	0.028	63.5	0.016	84.0	0.002
-0.6	0.677	7.6	0.153	23.0	0.040	43.5	0.020	64.0	0.019	84.5	0.002
-0.4	0.759	7.8	0.148	23.5	0.024	44.0	0.012	64.5	0.023	85.0	0.002
-0.2	0.832	8.0	0.137	24.0	0.022	44.5	0.013	65.0	0.025	85.5	0.002
0.0	0.894	8.2	0.121	24.5	0.037	45.0	0.021	65.5	0.025	86.0	0.001
0.2	0.944	8.4	0.100	25.0	0.048	45.5	0.029	66.0	0.025	86.5	0.001
0.4	0.978	8.6	0.077	25.5	0.050	46.0	0.032	66.5	0.024	87.0	0.001
0.6	0.997	8.8	0.051	26.0	0.041	46.5	0.031	67.0	0.022	87.5	0.001
0.8	0.999	9.0	0.025	26.5	0.023	47.0	0.027	67.5	0.020	88.0	0.001
1.0	0.985	9.2	0.001	27.0	0.002	47.5	0.019	68.0	0.017	88.5	0.000
1.2	0.955	9.4	0.026	27.5	0.019	48.0	0.009	68.5	0.015	89.0	0.000
1.4	0.911	9.6	0.048	28.0	0.035	48.5	0.002	69.0	0.012	89.5	0.000
1.6	0.852	9.8	0.058	28.5	0.043	49.0	0.012	69.5	0.010	90.0	0.000
1.8	0.783	10.0	0.075	29.0	0.041	49.5	0.020	70.0	0.009		
2.0	0.704	10.2	0.089	29.5	0.032	50.0	0.025	70.5	0.009		
2.2	0.618	10.4	0.097	30.0	0.019	50.5	0.027	71.0	0.010		