



Exhibit No.

Date
Call Letters
Location
Customer
Antenna Type

07 Jun 2006
KMOH-DT
Kingman, AZ
TFU-24DSB-H

Channel 19

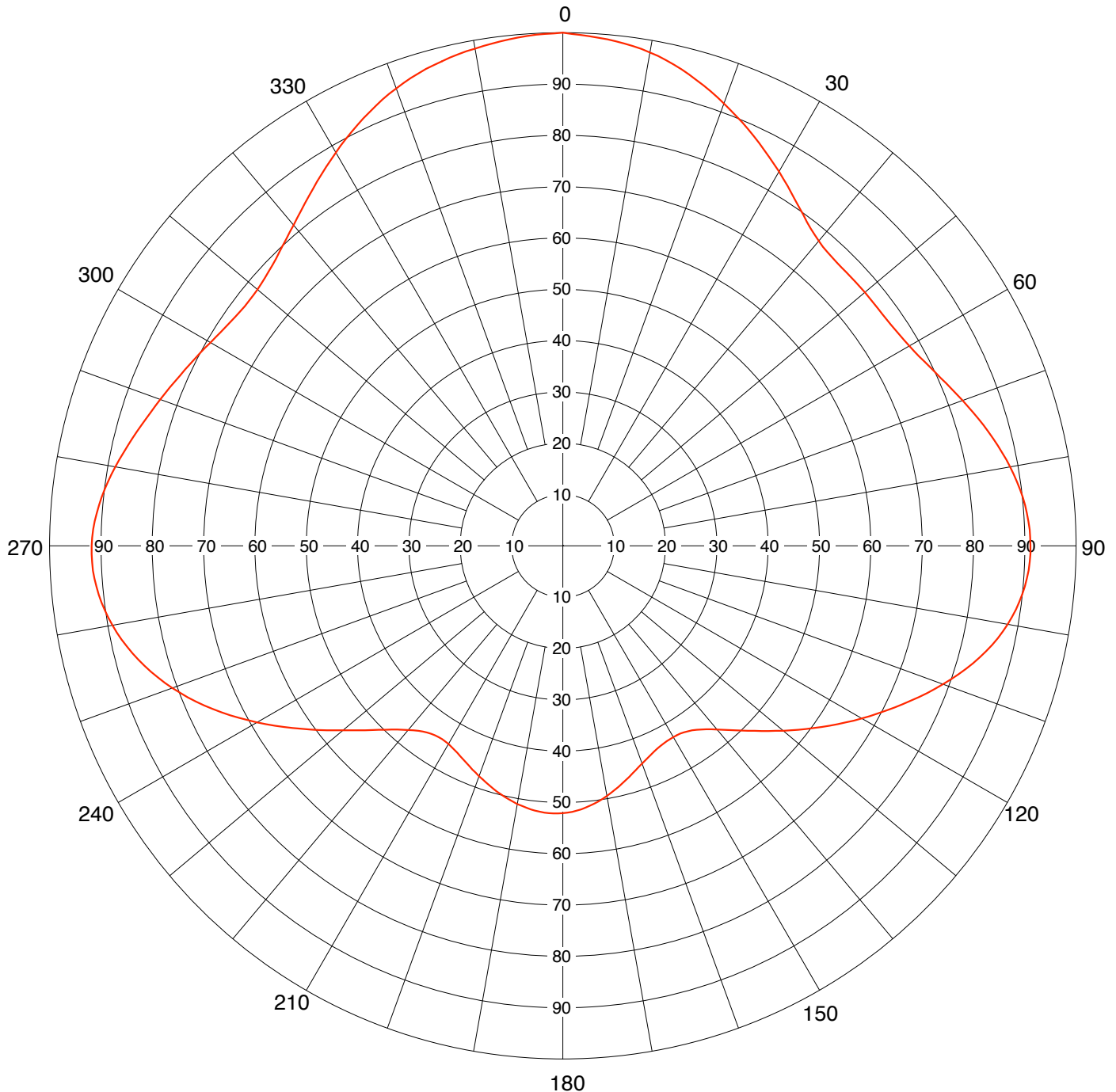
AZIMUTH PATTERN

Gain
Calculated / Measured

1.70 (2.30 dB)
Calculated

Frequency
Drawing #

503 MHz
DSB-H



Remarks:



Date **07 Jun 2006**
Call Letters **KMOH-DT** Channel **19**
Location **Kingman, AZ**
Customer
Antenna Type **TFU-24DSB-H**

TABULATION OF AZIMUTH PATTERNAzimuth Pattern Drawing # **DSB-H**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.768	90	0.911	135	0.510	180	0.521	225	0.507	270	0.918	315	0.791
1	0.998	46	0.768	91	0.911	136	0.500	181	0.522	226	0.517	271	0.917	316	0.795
2	0.996	47	0.768	92	0.910	137	0.492	182	0.522	227	0.527	272	0.915	317	0.800
3	0.994	48	0.768	93	0.909	138	0.483	183	0.522	228	0.537	273	0.913	318	0.805
4	0.993	49	0.768	94	0.906	139	0.475	184	0.521	229	0.548	274	0.911	319	0.811
5	0.991	50	0.768	95	0.904	140	0.467	185	0.520	230	0.560	275	0.907	320	0.816
6	0.989	51	0.768	96	0.900	141	0.460	186	0.519	231	0.571	276	0.904	321	0.822
7	0.986	52	0.768	97	0.896	142	0.454	187	0.517	232	0.584	277	0.900	322	0.829
8	0.984	53	0.769	98	0.891	143	0.448	188	0.515	233	0.596	278	0.895	323	0.835
9	0.980	54	0.769	99	0.886	144	0.443	189	0.513	234	0.609	279	0.890	324	0.842
10	0.977	55	0.770	100	0.880	145	0.439	190	0.511	235	0.622	280	0.885	325	0.849
11	0.972	56	0.771	101	0.873	146	0.436	191	0.508	236	0.635	281	0.880	326	0.856
12	0.968	57	0.772	102	0.866	147	0.433	192	0.505	237	0.648	282	0.875	327	0.863
13	0.962	58	0.774	103	0.858	148	0.432	193	0.502	238	0.661	283	0.870	328	0.870
14	0.957	59	0.776	104	0.850	149	0.431	194	0.499	239	0.675	284	0.865	329	0.878
15	0.951	60	0.779	105	0.841	150	0.430	195	0.496	240	0.688	285	0.859	330	0.885
16	0.945	61	0.783	106	0.831	151	0.430	196	0.492	241	0.701	286	0.854	331	0.892
17	0.938	62	0.786	107	0.821	152	0.431	197	0.489	242	0.714	287	0.849	332	0.899
18	0.931	63	0.791	108	0.810	153	0.432	198	0.485	243	0.727	288	0.844	333	0.906
19	0.924	64	0.795	109	0.800	154	0.434	199	0.481	244	0.740	289	0.839	334	0.913
20	0.917	65	0.800	110	0.788	155	0.436	200	0.477	245	0.752	290	0.834	335	0.919
21	0.910	66	0.805	111	0.777	156	0.438	201	0.474	246	0.765	291	0.830	336	0.926
22	0.903	67	0.811	112	0.766	157	0.441	202	0.470	247	0.777	292	0.825	337	0.932
23	0.896	68	0.817	113	0.754	158	0.444	203	0.466	248	0.788	293	0.821	338	0.938
24	0.888	69	0.823	114	0.742	159	0.448	204	0.463	249	0.799	294	0.816	339	0.944
25	0.881	70	0.828	115	0.731	160	0.452	205	0.459	250	0.810	295	0.812	340	0.949
26	0.873	71	0.835	116	0.719	161	0.456	206	0.456	251	0.820	296	0.808	341	0.954
27	0.865	72	0.841	117	0.707	162	0.460	207	0.453	252	0.830	297	0.804	342	0.958
28	0.858	73	0.847	118	0.696	163	0.464	208	0.450	253	0.839	298	0.800	343	0.963
29	0.850	74	0.853	119	0.684	164	0.468	209	0.448	254	0.848	299	0.796	344	0.967
30	0.842	75	0.858	120	0.673	165	0.473	210	0.446	255	0.856	300	0.793	345	0.970
31	0.834	76	0.864	121	0.661	166	0.477	211	0.445	256	0.864	301	0.789	346	0.973
32	0.827	77	0.870	122	0.650	167	0.482	212	0.444	257	0.872	302	0.786	347	0.976
33	0.819	78	0.875	123	0.638	168	0.486	213	0.444	258	0.879	303	0.783	348	0.979
34	0.811	79	0.880	124	0.627	169	0.491	214	0.445	259	0.885	304	0.781	349	0.982
35	0.804	80	0.885	125	0.615	170	0.495	215	0.447	260	0.891	305	0.779	350	0.984
36	0.797	81	0.890	126	0.604	171	0.499	216	0.450	261	0.896	306	0.777	351	0.986
37	0.791	82	0.894	127	0.593	172	0.503	217	0.453	262	0.901	307	0.776	352	0.989
38	0.785	83	0.898	128	0.582	173	0.506	218	0.458	263	0.906	308	0.776	353	0.991
39	0.780	84	0.901	129	0.571	174	0.509	219	0.463	264	0.909	309	0.776	354	0.993
40	0.776	85	0.904	130	0.560	175	0.512	220	0.468	265	0.912	310	0.777	355	0.994
41	0.773	86	0.906	131	0.550	176	0.515	221	0.475	266	0.915	311	0.779	356	0.996
42	0.770	87	0.909	132	0.539	177	0.517	222	0.482	267	0.917	312	0.781	357	0.997
43	0.769	88	0.910	133	0.529	178	0.519	223	0.490	268	0.918	313	0.784	358	0.998
44	0.768	89	0.911	134	0.519	179	0.520	224	0.498	269	0.918	314	0.787	359	0.999

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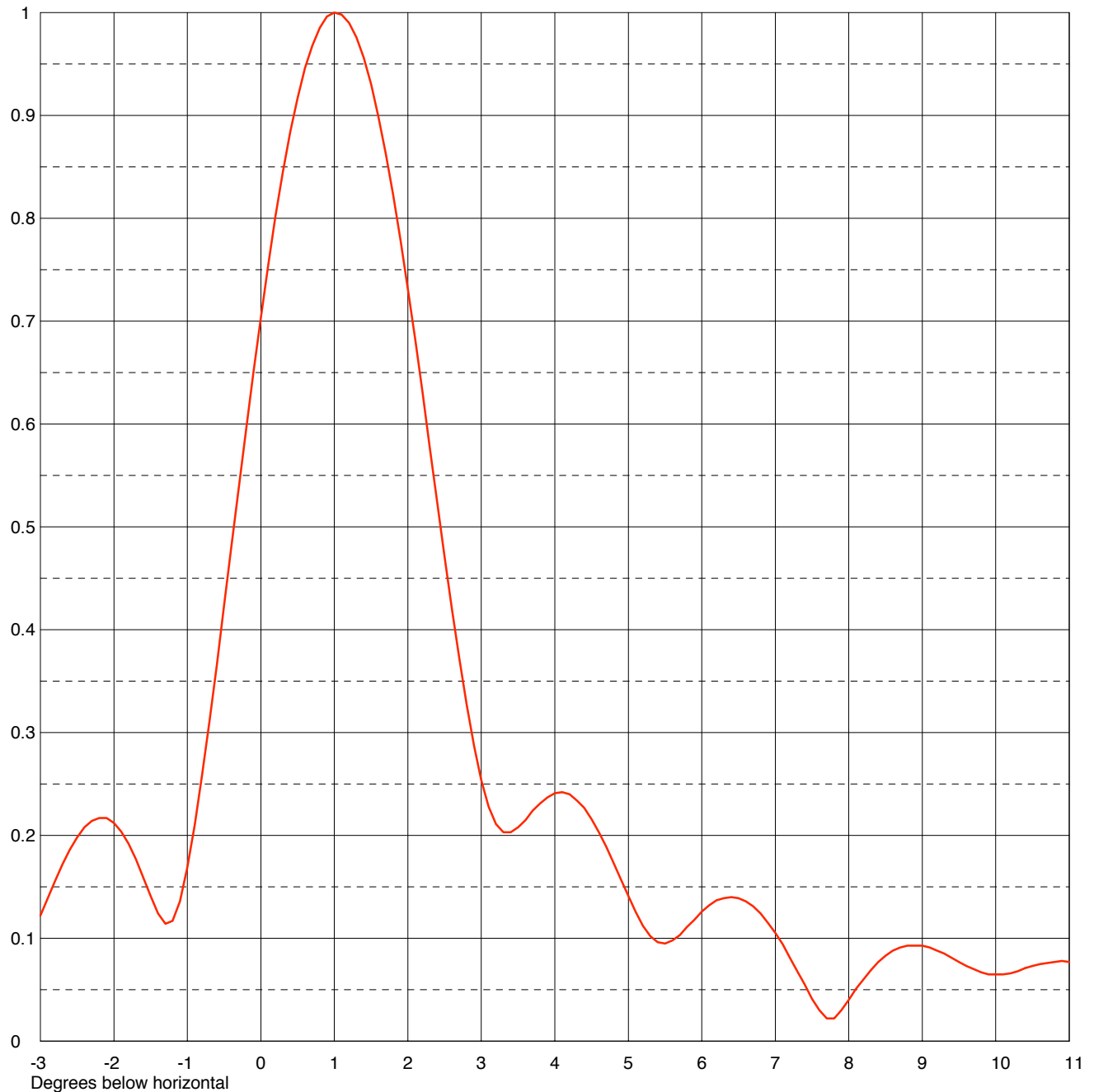
ELEVATION PATTERN

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

24.0 (13.80 dB)
11.9 (10.76 dB)
Calculated

Beam Tilt
Frequency
Drawing #

1.00 Degrees
503.00 MHz
24B240100



Remarks:



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Kingman, AZ
TFU-24DSB-H

Channel 19

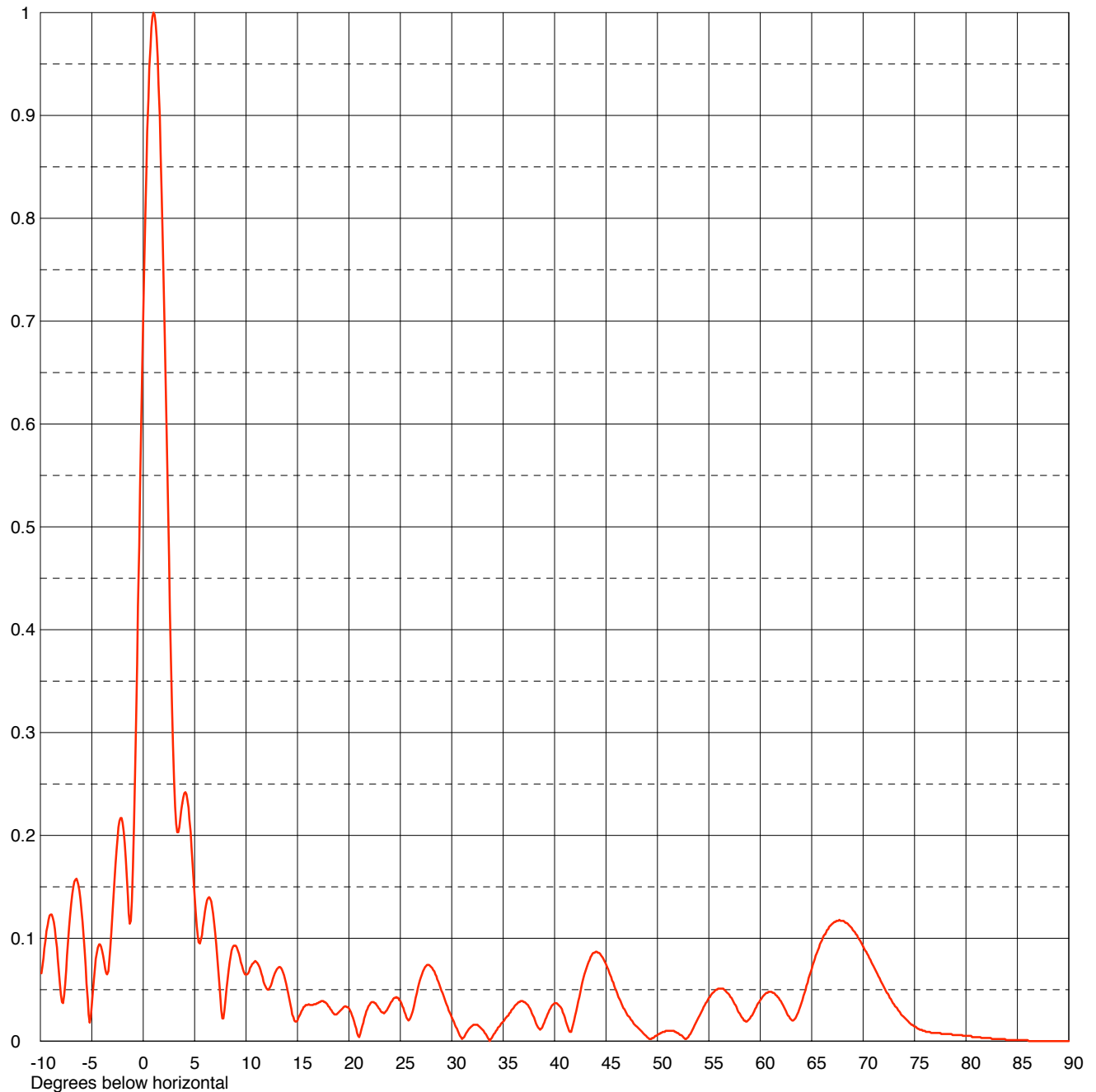
ELEVATION PATTERN

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

24.0 (13.80 dB)
11.9 (10.76 dB)
Calculated

Beam Tilt
Frequency
Drawing #

1.00 Degrees
503.00 MHz
24B240100-90



Remarks:



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Customer		
Antenna Type	TFU-24DSB-H	

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **24B240100**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.063	2.4	0.524	10.6	0.075	30.5	0.012	51.0	0.010	71.5	0.063
-9.5	0.099	2.6	0.420	10.8	0.077	31.0	0.002	51.5	0.010	72.0	0.053
-9.0	0.123	2.8	0.327	11.0	0.077	31.5	0.009	52.0	0.008	72.5	0.044
-8.5	0.101	3.0	0.254	11.5	0.066	32.0	0.015	52.5	0.004	73.0	0.036
-8.0	0.045	3.2	0.211	12.0	0.051	32.5	0.016	53.0	0.004	73.5	0.029
-7.5	0.069	3.4	0.203	12.5	0.057	33.0	0.011	53.5	0.013	74.0	0.023
-7.0	0.134	3.6	0.215	13.0	0.070	33.5	0.003	54.0	0.023	74.5	0.018
-6.5	0.158	3.8	0.231	13.5	0.069	34.0	0.005	54.5	0.033	75.0	0.014
-6.0	0.127	4.0	0.241	14.0	0.051	34.5	0.013	55.0	0.042	75.5	0.011
-5.5	0.056	4.2	0.240	14.5	0.026	35.0	0.019	55.5	0.048	76.0	0.010
-5.0	0.035	4.4	0.227	15.0	0.020	35.5	0.025	56.0	0.051	76.5	0.009
-4.5	0.087	4.6	0.203	15.5	0.031	36.0	0.032	56.5	0.050	77.0	0.008
-4.0	0.088	4.8	0.173	16.0	0.035	36.5	0.038	57.0	0.045	77.5	0.008
-3.5	0.065	5.0	0.141	16.5	0.035	37.0	0.038	57.5	0.036	78.0	0.007
-3.0	0.122	5.2	0.112	17.0	0.037	37.5	0.033	58.0	0.027	78.5	0.007
-2.8	0.156	5.4	0.096	17.5	0.039	38.0	0.023	58.5	0.020	79.0	0.006
-2.6	0.186	5.6	0.098	18.0	0.034	38.5	0.012	59.0	0.022	79.5	0.006
-2.4	0.208	5.8	0.111	18.5	0.027	39.0	0.018	59.5	0.031	80.0	0.005
-2.2	0.217	6.0	0.126	19.0	0.028	39.5	0.030	60.0	0.040	80.5	0.005
-2.0	0.212	6.2	0.137	19.5	0.033	40.0	0.037	60.5	0.046	81.0	0.004
-1.8	0.192	6.4	0.140	20.0	0.032	40.5	0.034	61.0	0.048	81.5	0.003
-1.6	0.159	6.6	0.136	20.5	0.019	41.0	0.023	61.5	0.045	82.0	0.003
-1.4	0.124	6.8	0.124	21.0	0.004	41.5	0.009	62.0	0.039	82.5	0.002
-1.2	0.117	7.0	0.105	21.5	0.022	42.0	0.025	62.5	0.029	83.0	0.002
-1.0	0.169	7.2	0.081	22.0	0.035	42.5	0.048	63.0	0.021	83.5	0.002
-0.8	0.259	7.4	0.055	22.5	0.037	43.0	0.068	63.5	0.024	84.0	0.001
-0.6	0.366	7.6	0.030	23.0	0.031	43.5	0.082	64.0	0.037	84.5	0.001
-0.4	0.481	7.8	0.022	23.5	0.028	44.0	0.087	64.5	0.054	85.0	0.001
-0.2	0.595	8.0	0.040	24.0	0.036	44.5	0.084	65.0	0.070	85.5	0.001
0.0	0.704	8.2	0.060	24.5	0.042	45.0	0.075	65.5	0.086	86.0	0.001
0.2	0.802	8.4	0.077	25.0	0.039	45.5	0.062	66.0	0.098	86.5	0.000
0.4	0.884	8.6	0.088	25.5	0.026	46.0	0.049	66.5	0.108	87.0	0.000
0.6	0.946	8.8	0.093	26.0	0.023	46.5	0.037	67.0	0.114	87.5	0.000
0.8	0.985	9.0	0.093	26.5	0.042	47.0	0.027	67.5	0.117	88.0	0.000
1.0	1.000	9.2	0.088	27.0	0.062	47.5	0.020	68.0	0.117	88.5	0.000
1.2	0.990	9.4	0.081	27.5	0.073	48.0	0.014	68.5	0.114	89.0	0.000
1.4	0.956	9.6	0.073	28.0	0.072	48.5	0.009	69.0	0.108	89.5	0.000
1.6	0.899	9.8	0.067	28.5	0.063	49.0	0.004	69.5	0.101	90.0	0.000
1.8	0.823	10.0	0.065	29.0	0.049	49.5	0.003	70.0	0.092		
2.0	0.731	10.2	0.066	29.5	0.036	50.0	0.006	70.5	0.083		
2.2	0.630	10.4	0.071	30.0	0.023	50.5	0.009	71.0	0.073		

Remarks: