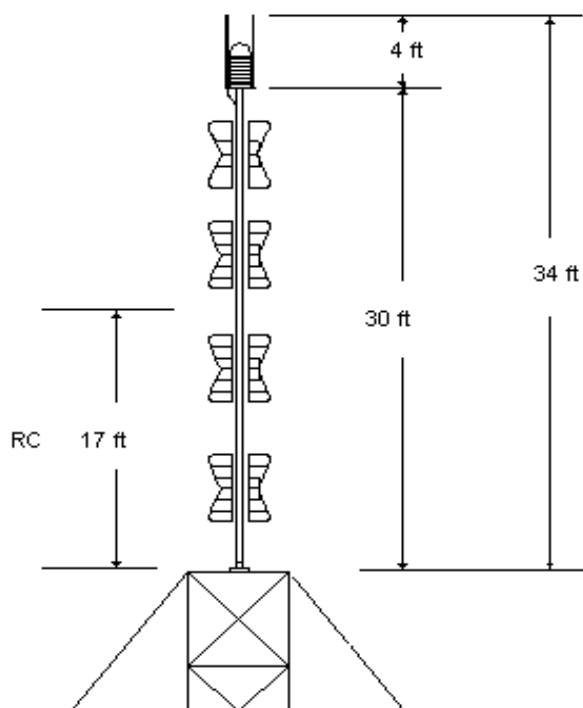


Proposal #: **DCA-8923-1** Antenna Type: **TF-4HT-M** Channel: **7 DTV**
Call Letters: **KRNV, KTVN** Location: **Reno, NV** **13 DTV**



Not to scale

Proposal #: **DCA-8923-1** Antenna Type: **TF-4HT-M**
 Call Letters: **KRNV, KTVN** Location: **Reno, NV**

Channel: **7 DTV**
13 DTV

Electrical Specifications		Value		Remarks	
		Ratio	dB		
RMS Gain at Main Lobe over Halfwave Dipole	Hpol	4.3	6.33	D7;	D13: 4.4 (6.43 dB)
	Vpol				
RMS Gain at Horizontal over Halfwave Dipole	Hpol	4.0	6.02	D7;	D13: 4.0 (6.02 dB)
	Vpol				
Peak Directional Gain over Halfwave Dipole	Hpol				
	Vpol				
Peak Directional Gain at Horizontal over Halfwave Dipole	Hpol				
	Vpol				
Circularity		+/- 2.0 dB			
Axial Ratio		dB			
Beam Tilt		1.90 deg		D7;	D13: 1.90 deg
Average Power	DTV	5 kW	6.99 dBk	+5 kW average DTV power	
Antenna Input:	T/L	3 1/8 in	50.0 ohm	Type:	EIA/DCA
Maximum Antenna Input VSWR				D13: Channel: 1.10 : 1	
		Channel 1.10 : 1			
Patterns	Azimuth	TF-O4-7	TF-O4-13	D7 D13	
	Elevation	04S043190-S7	04S043190-S7-90		
		04S044190-S13	04S044190-S13-90		
Mechanical Specifications		Metric	English	Preliminary	
Height with Lightning Protector	H4	10.4 m	34.0 ft		
Height Less Lightning Protector	H2	9.1 m	30.0 ft		
Height of Center of Radiation	H3	5.2 m	17.0 ft		
Basic Wind Speed	V	193.1 km/h	120 mi/h	TIA/EIA-222-F w 2 in radial ice.	
Force Coeff. x Projected Area	CaAc	9.01 m²	97.0 ft²	Above base flange	
Moment Arm	D1	4.9 m	16.2 ft	Above base flange	
Force Coeff. x Projected Area	CaAc	m²	ft²		
Moment Arm	D3	m	ft		
Pole Bury Length	D2	m	ft		
Weight	W	3.0 t	6,600 lbs		
Deicer Power (3 phase)		4.0 kW	TBD V		
Antenna designed in accordance with AISC specifications for design of structural steel for building as prescribed by TIA/EIA-222-F.					

NOTE:

Prepared By : SRR
 Original Date : 29-Aug-00

Approved By : RLN
 Revision: 1 Rev. Date: 26-Mar-01

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN	Channel	7
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

SYSTEM SUMMARY

Antenna:

Type:	TF-4HT-M	ERP:	13 kW	H Pol	(11.14 dBk)
Channel:	7	Gain*:	4.3		(6.33 dB)
Location:	Reno, NV	Input Power:	3.0 kW		(4.80 dBk)

Transmission Line:

Type:	EIA/DCA	Attenuation:	0.37 dB
Size:	3-1/8 in	Efficiency:	91.9%
Impedance:	50 ohm		
Length:	269 ft		82.0 m

Combiner:	DCA	Attenuation:	0.15 dB
		Efficiency:	96.6%

Combiner Input:

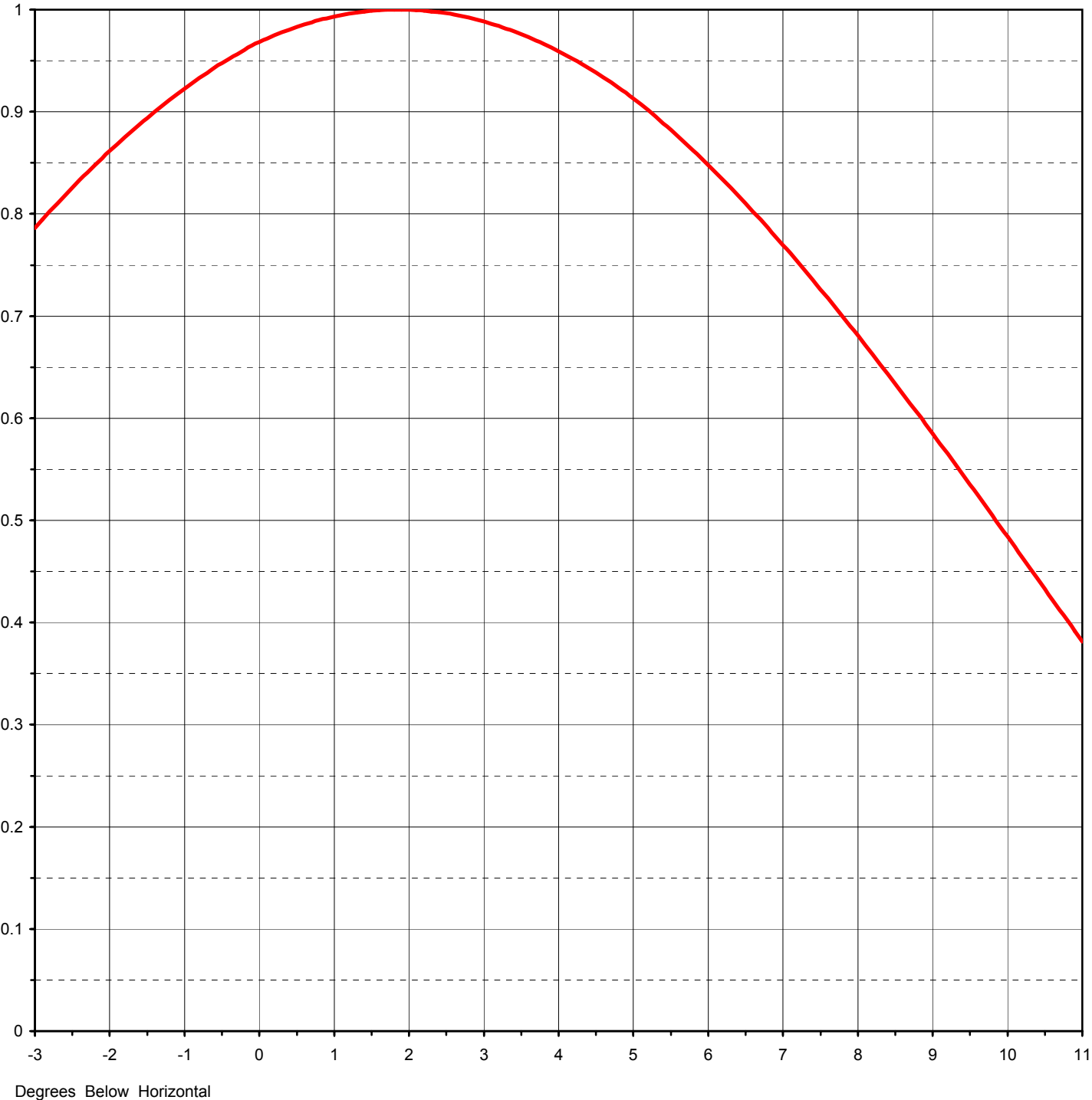
Power Required:	3.4 kW	(5.32 dBk)
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* Gain is with respect to half wave dipole.

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN	Channel	7
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.30 (6.33 dB)	Beam Tilt	1.90 deg
RMS Gain at Horizontal	4.00 (6.02 dB)	Frequency	177.00 MHz
Calculated / Measured	Calculated	Drawing #	04S043190-S7

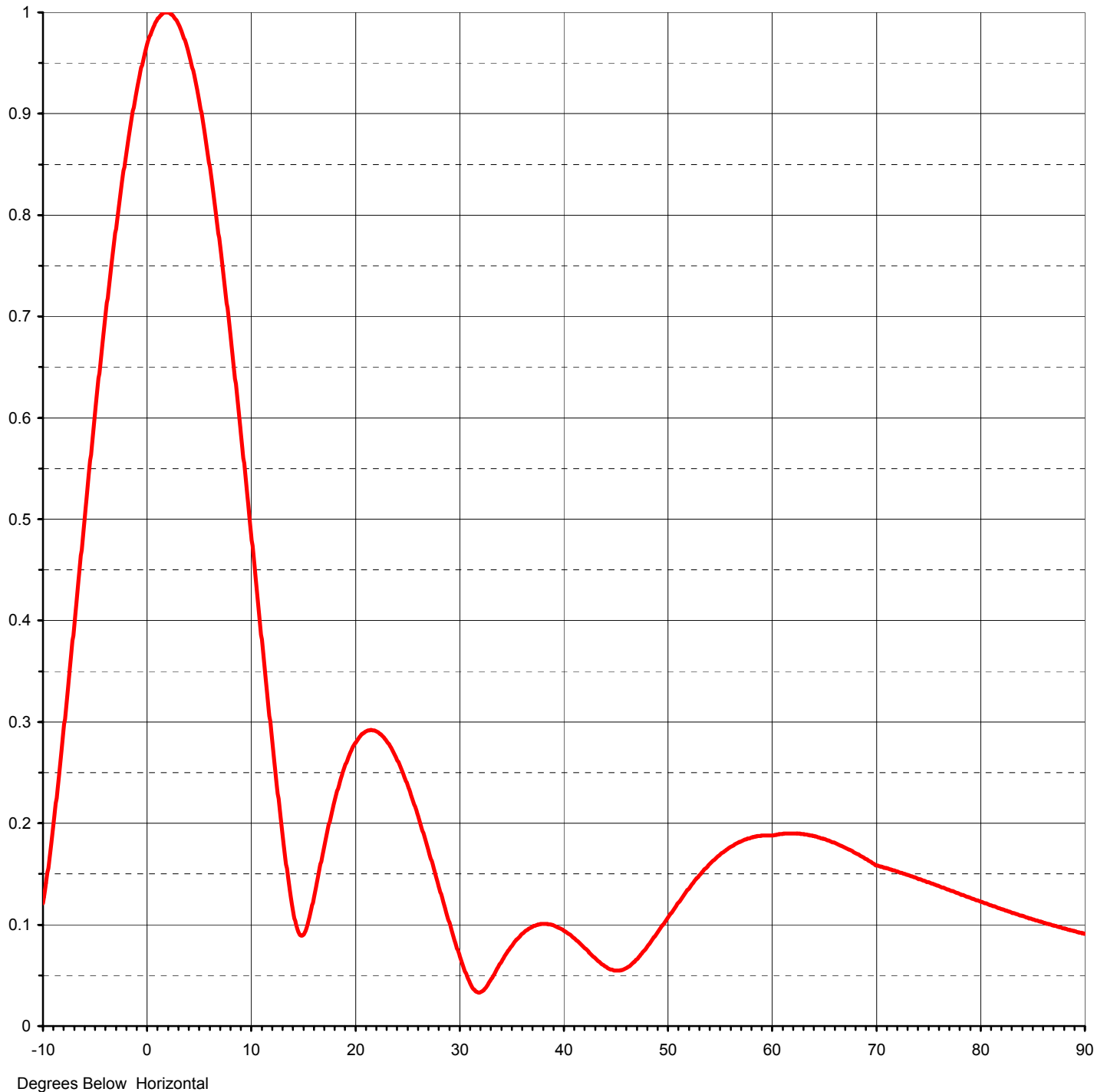


Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN	Channel	7
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.30	(6.33 dB)
RMS Gain at Horizontal	4.00	(6.02 dB)
Calculated / Measured	Calculated	

Beam Tilt	1.90 deg
Frequency	177.00 MHz
Drawing #	04S043190-S7-90



Proposal Number **DCA-8923** Revision: **1**
 Date **26-Mar-01**
 Call Letters **KRNV, KTVN** Channel **7**
 Location **Reno, NV**
 Customer
 Antenna Type **TF-4HT-M**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **04S043190-S7-90**

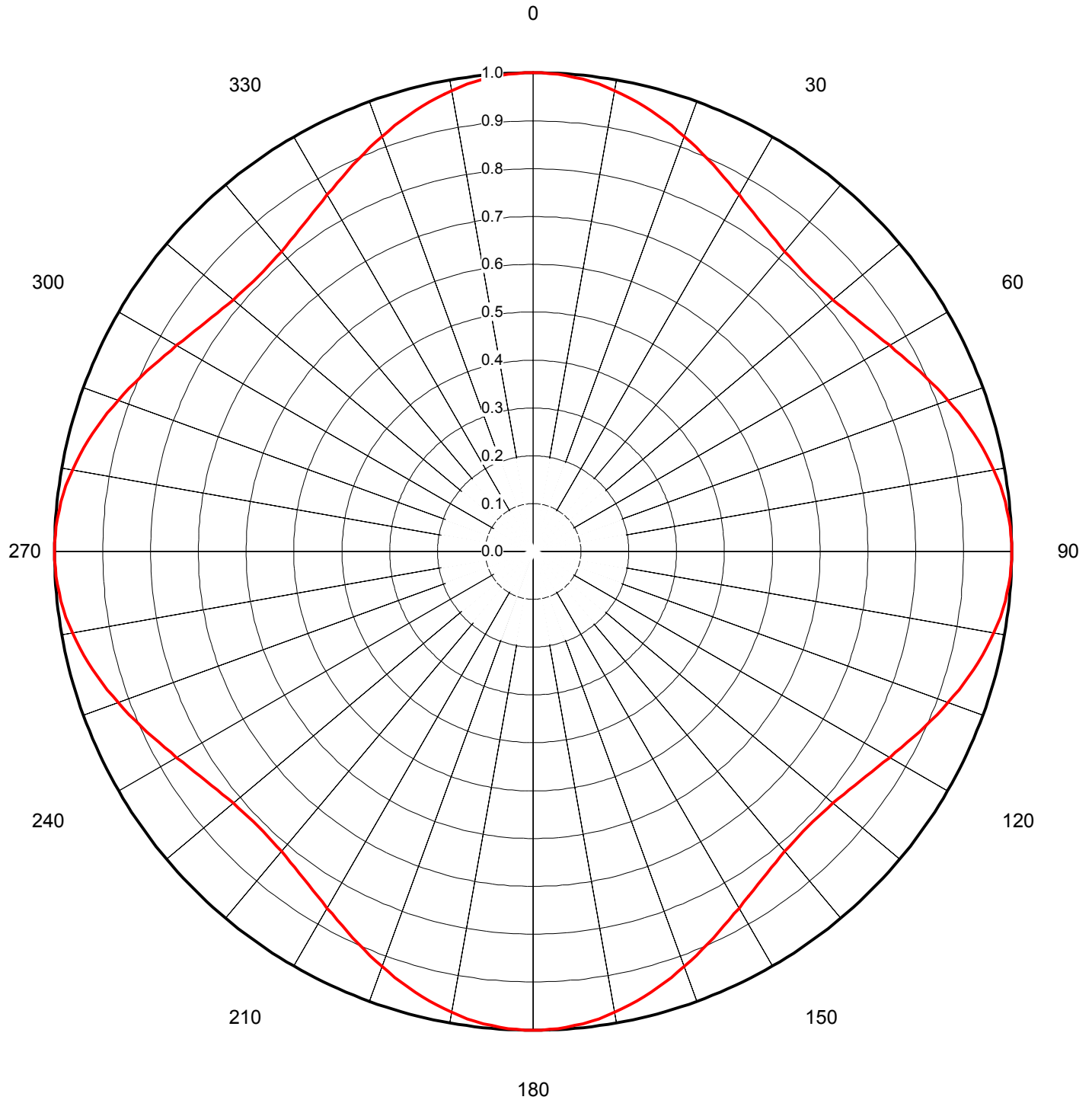
Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.121	2.4	0.997	10.6	0.433	30.5	0.057	51.0	0.120	71.5	0.154
-9.5	0.156	2.6	0.995	10.8	0.412	31.0	0.044	51.5	0.128	72.0	0.152
-9.0	0.198	2.8	0.992	11.0	0.392	31.5	0.036	52.0	0.134	72.5	0.151
-8.5	0.244	3.0	0.988	11.5	0.341	32.0	0.033	52.5	0.141	73.0	0.149
-8.0	0.293	3.2	0.984	12.0	0.291	32.5	0.037	53.0	0.147	73.5	0.147
-7.5	0.344	3.4	0.979	12.5	0.243	33.0	0.044	53.5	0.153	74.0	0.146
-7.0	0.396	3.6	0.973	13.0	0.197	33.5	0.053	54.0	0.159	74.5	0.144
-6.5	0.448	3.8	0.966	13.5	0.155	34.0	0.062	54.5	0.164	75.0	0.142
-6.0	0.501	4.0	0.959	14.0	0.120	34.5	0.070	55.0	0.168	75.5	0.140
-5.5	0.553	4.2	0.951	14.5	0.096	35.0	0.078	55.5	0.172	76.0	0.138
-5.0	0.605	4.4	0.943	15.0	0.089	35.5	0.084	56.0	0.176	76.5	0.136
-4.5	0.653	4.6	0.934	15.5	0.100	36.0	0.090	56.5	0.179	77.0	0.134
-4.0	0.700	4.8	0.924	16.0	0.122	36.5	0.094	57.0	0.182	77.5	0.132
-3.5	0.745	5.0	0.913	16.5	0.147	37.0	0.098	57.5	0.184	78.0	0.130
-3.0	0.786	5.2	0.901	17.0	0.172	37.5	0.100	58.0	0.186	78.5	0.128
-2.8	0.803	5.4	0.889	17.5	0.197	38.0	0.101	58.5	0.187	79.0	0.126
-2.6	0.818	5.6	0.876	18.0	0.218	38.5	0.101	59.0	0.188	79.5	0.125
-2.4	0.833	5.8	0.862	18.5	0.238	39.0	0.100	59.5	0.188	80.0	0.123
-2.2	0.848	6.0	0.848	19.0	0.254	39.5	0.098	60.0	0.188	80.5	0.121
-2.0	0.862	6.2	0.833	19.5	0.267	40.0	0.095	60.5	0.189	81.0	0.119
-1.8	0.875	6.4	0.818	20.0	0.278	40.5	0.091	61.0	0.190	81.5	0.117
-1.6	0.888	6.6	0.802	20.5	0.285	41.0	0.087	61.5	0.190	82.0	0.116
-1.4	0.900	6.8	0.786	21.0	0.290	41.5	0.083	62.0	0.190	82.5	0.114
-1.2	0.912	7.0	0.770	21.5	0.292	42.0	0.078	62.5	0.190	83.0	0.112
-1.0	0.923	7.2	0.752	22.0	0.291	42.5	0.073	63.0	0.189	83.5	0.110
-0.8	0.933	7.4	0.735	22.5	0.288	43.0	0.068	63.5	0.189	84.0	0.109
-0.6	0.943	7.6	0.717	23.0	0.282	43.5	0.063	64.0	0.188	84.5	0.107
-0.4	0.952	7.8	0.699	23.5	0.275	44.0	0.059	64.5	0.186	85.0	0.105
-0.2	0.961	8.0	0.681	24.0	0.265	44.5	0.056	65.0	0.184	85.5	0.104
0.0	0.969	8.2	0.662	24.5	0.253	45.0	0.055	65.5	0.183	86.0	0.102
0.2	0.975	8.4	0.643	25.0	0.240	45.5	0.055	66.0	0.181	86.5	0.101
0.4	0.980	8.6	0.624	25.5	0.226	46.0	0.057	66.5	0.178	87.0	0.099
0.6	0.985	8.8	0.605	26.0	0.210	46.5	0.060	67.0	0.176	87.5	0.098
0.8	0.990	9.0	0.585	26.5	0.194	47.0	0.065	67.5	0.173	88.0	0.096
1.0	0.993	9.2	0.565	27.0	0.177	47.5	0.071	68.0	0.171	88.5	0.095
1.2	0.996	9.4	0.545	27.5	0.159	48.0	0.077	68.5	0.168	89.0	0.094
1.4	0.998	9.6	0.525	28.0	0.141	48.5	0.084	69.0	0.165	89.5	0.092
1.6	0.999	9.8	0.515	28.5	0.123	49.0	0.091	69.5	0.162	90.0	0.091
1.8	1.000	10.0	0.494	29.0	0.106	49.5	0.098	70.0	0.158		
2.0	1.000	10.2	0.474	29.5	0.088	50.0	0.105	70.5	0.157		
2.2	0.999	10.4	0.453	30.0	0.072	50.5	0.113	71.0	0.156		

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN	Channel	7
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

AZIMUTH PATTERN

Gain	1.21	(0.83 dB)
Calculated / Measured	Calculated	

Frequency	177.00 MHz
Drawing #	TF-O4-7



Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN	Channel	7
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TF-O4-7**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.812	90	1.000	135	0.812	180	1.000	225	0.812	270	1.000	315	0.812
1	1.000	46	0.813	91	1.000	136	0.813	181	1.000	226	0.813	271	1.000	316	0.813
2	0.999	47	0.813	92	0.999	137	0.813	182	0.999	227	0.813	272	0.999	317	0.813
3	0.998	48	0.814	93	0.998	138	0.814	183	0.998	228	0.814	273	0.998	318	0.814
4	0.996	49	0.816	94	0.996	139	0.816	184	0.996	229	0.816	274	0.996	319	0.816
5	0.994	50	0.818	95	0.994	140	0.818	185	0.994	230	0.818	275	0.994	320	0.818
6	0.992	51	0.821	96	0.992	141	0.821	186	0.992	231	0.821	276	0.992	321	0.821
7	0.989	52	0.824	97	0.989	142	0.824	187	0.989	232	0.824	277	0.989	322	0.824
8	0.985	53	0.827	98	0.985	143	0.827	188	0.985	233	0.827	278	0.985	323	0.827
9	0.982	54	0.831	99	0.982	144	0.831	189	0.982	234	0.831	279	0.982	324	0.831
10	0.978	55	0.835	100	0.978	145	0.835	190	0.978	235	0.835	280	0.978	325	0.835
11	0.973	56	0.839	101	0.973	146	0.839	191	0.973	236	0.839	281	0.973	326	0.839
12	0.969	57	0.844	102	0.969	147	0.844	192	0.969	237	0.844	282	0.969	327	0.844
13	0.964	58	0.849	103	0.964	148	0.849	193	0.964	238	0.849	283	0.964	328	0.849
14	0.959	59	0.855	104	0.959	149	0.855	194	0.959	239	0.855	284	0.959	329	0.855
15	0.953	60	0.860	105	0.953	150	0.860	195	0.953	240	0.860	285	0.953	330	0.860
16	0.947	61	0.866	106	0.947	151	0.866	196	0.947	241	0.866	286	0.947	331	0.866
17	0.941	62	0.872	107	0.941	152	0.872	197	0.941	242	0.872	287	0.941	332	0.872
18	0.935	63	0.878	108	0.935	153	0.878	198	0.935	243	0.878	288	0.935	333	0.878
19	0.929	64	0.884	109	0.929	154	0.884	199	0.929	244	0.884	289	0.929	334	0.884
20	0.923	65	0.891	110	0.923	155	0.891	200	0.923	245	0.891	290	0.923	335	0.891
21	0.916	66	0.897	111	0.916	156	0.897	201	0.916	246	0.897	291	0.916	336	0.897
22	0.910	67	0.904	112	0.910	157	0.904	202	0.910	247	0.904	292	0.910	337	0.904
23	0.904	68	0.910	113	0.904	158	0.910	203	0.904	248	0.910	293	0.904	338	0.910
24	0.897	69	0.916	114	0.897	159	0.916	204	0.897	249	0.916	294	0.897	339	0.916
25	0.891	70	0.923	115	0.891	160	0.923	205	0.891	250	0.923	295	0.891	340	0.923
26	0.884	71	0.929	116	0.884	161	0.929	206	0.884	251	0.929	296	0.884	341	0.929
27	0.878	72	0.935	117	0.878	162	0.935	207	0.878	252	0.935	297	0.878	342	0.935
28	0.872	73	0.941	118	0.872	163	0.941	208	0.872	253	0.941	298	0.872	343	0.941
29	0.866	74	0.947	119	0.866	164	0.947	209	0.866	254	0.947	299	0.866	344	0.947
30	0.860	75	0.953	120	0.860	165	0.953	210	0.860	255	0.953	300	0.860	345	0.953
31	0.855	76	0.959	121	0.855	166	0.959	211	0.855	256	0.959	301	0.855	346	0.959
32	0.849	77	0.964	122	0.849	167	0.964	212	0.849	257	0.964	302	0.849	347	0.964
33	0.844	78	0.969	123	0.844	168	0.969	213	0.844	258	0.969	303	0.844	348	0.969
34	0.839	79	0.973	124	0.839	169	0.973	214	0.839	259	0.973	304	0.839	349	0.973
35	0.835	80	0.978	125	0.835	170	0.978	215	0.835	260	0.978	305	0.835	350	0.978
36	0.831	81	0.982	126	0.831	171	0.982	216	0.831	261	0.982	306	0.831	351	0.982
37	0.827	82	0.985	127	0.827	172	0.985	217	0.827	262	0.985	307	0.827	352	0.985
38	0.824	83	0.989	128	0.824	173	0.989	218	0.824	263	0.989	308	0.824	353	0.989
39	0.821	84	0.992	129	0.821	174	0.992	219	0.821	264	0.992	309	0.821	354	0.992
40	0.818	85	0.994	130	0.818	175	0.994	220	0.818	265	0.994	310	0.818	355	0.994
41	0.816	86	0.996	131	0.816	176	0.996	221	0.816	266	0.996	311	0.816	356	0.996
42	0.814	87	0.998	132	0.814	177	0.998	222	0.814	267	0.998	312	0.814	357	0.998
43	0.813	88	0.999	133	0.813	178	0.999	223	0.813	268	0.999	313	0.813	358	0.999
44	0.813	89	1.000	134	0.813	179	1.000	224	0.813	269	1.000	314	0.813	359	1.000

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN-D	Channel	13
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

SYSTEM SUMMARY

Antenna:

Type:	TF-4HT-M	ERP:	13 kW	H Pol	(11.14 dBk)
Channel:	13	Gain*:	4.4		(6.43 dB)
Location:	Reno, NV	Input Power:	3.0 kW		(4.70 dBk)

Transmission Line:

Type:	EIA/DCA	Attenuation:	0.39 dB
Size:	3-1/8 in	Efficiency:	91.4%
Impedance:	50 ohm		
Length:	269 ft		82.0 m

Combiner:	DCA	Attenuation:	0.15 dB
		Efficiency:	96.6%

Combiner Input:

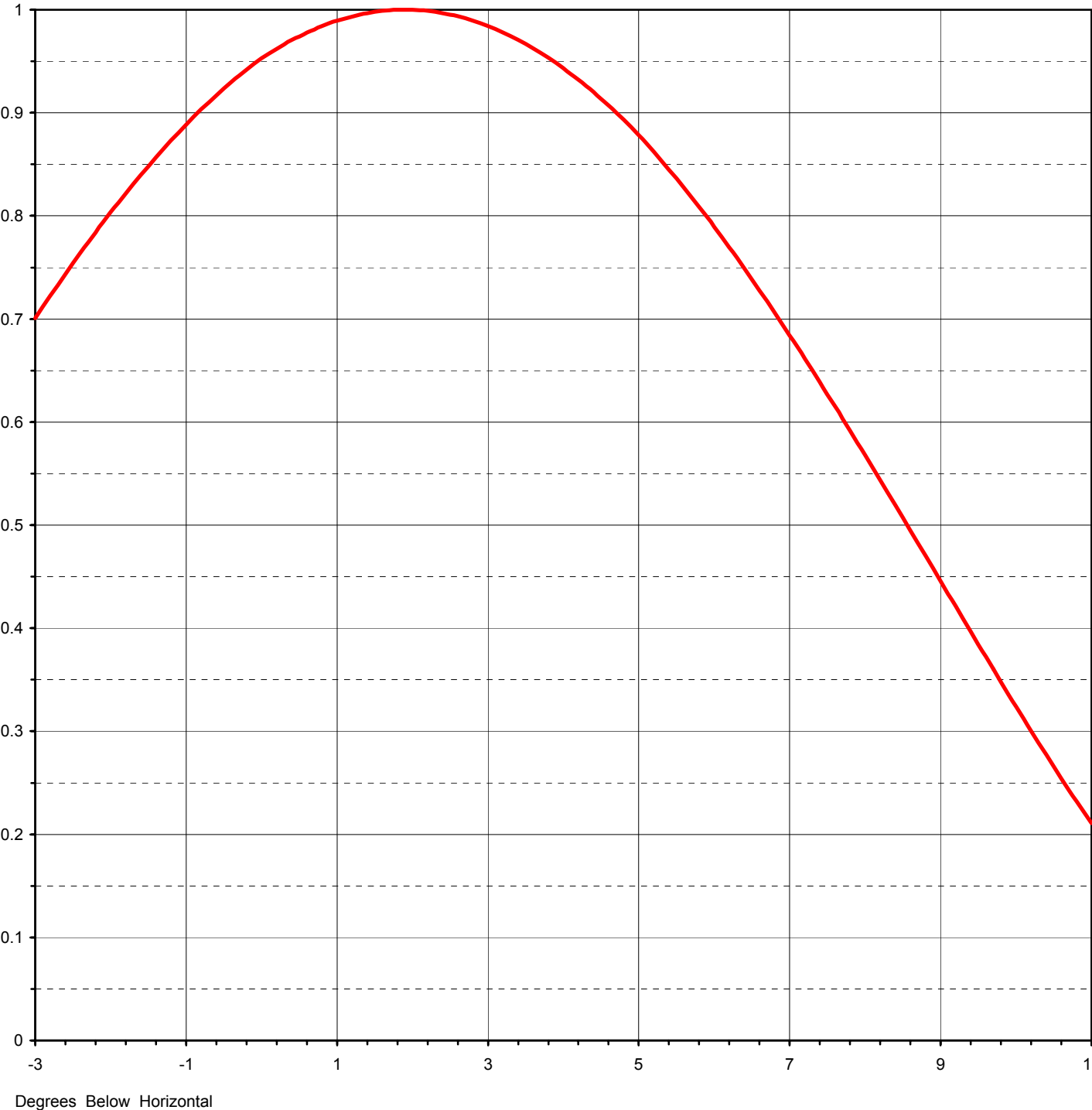
Power Required:	3.3 kW	(5.24 dBk)
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* Gain is with respect to half wave dipole.

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN-D	Channel	13
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.40	(6.43 dB)	Beam Tilt	1.90 deg
RMS Gain at Horizontal	4.00	(6.02 dB)	Frequency	213.00 MHz
Calculated / Measured	Calculated		Drawing #	04S044190-S13

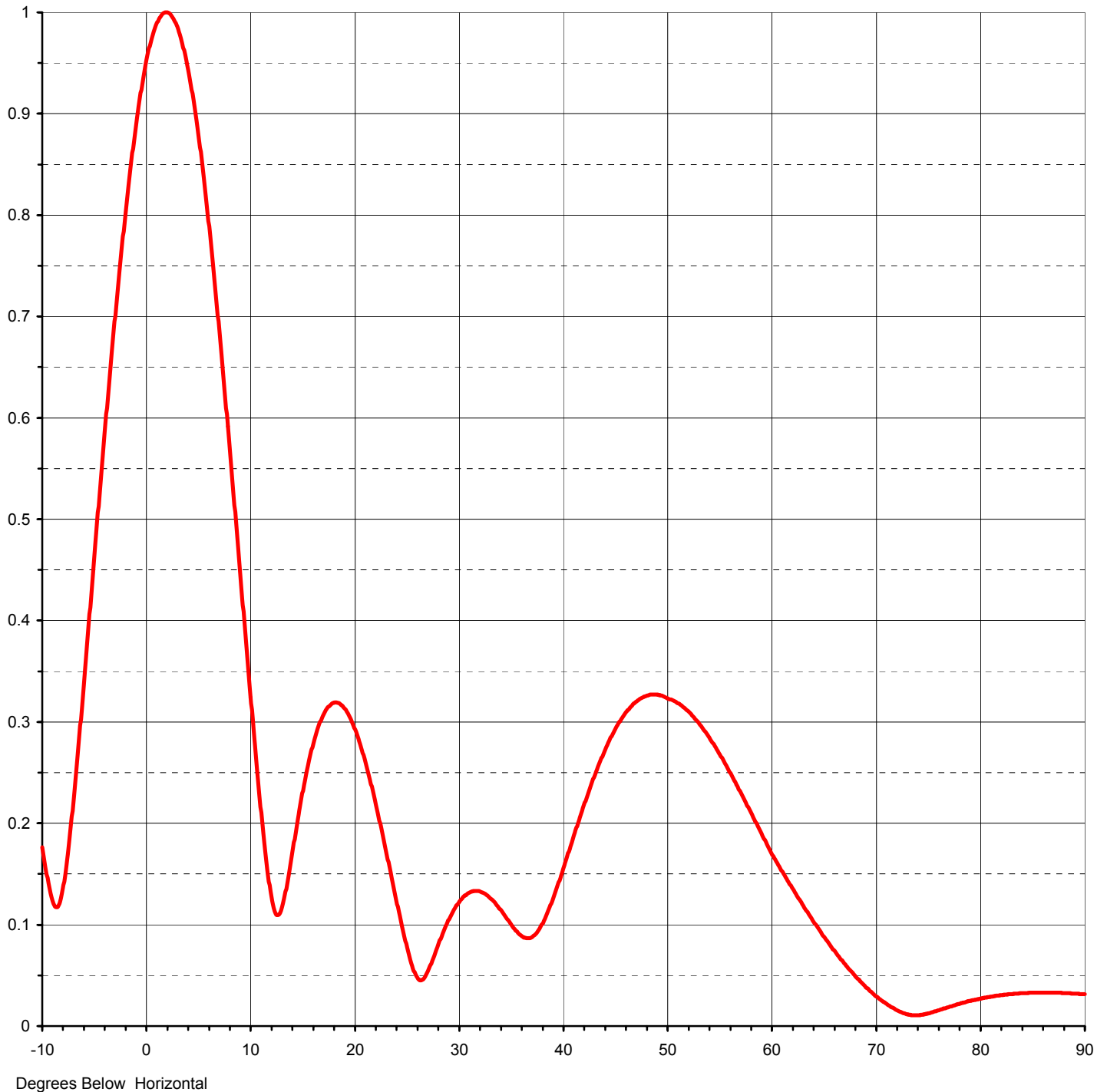


Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN-D	Channel	13
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.40	(6.43 dB)
RMS Gain at Horizontal	4.00	(6.02 dB)
Calculated / Measured	Calculated	

Beam Tilt	1.90 deg
Frequency	213.00 MHz
Drawing #	04S044190-S13-90



Proposal Number **DCA-8923** Revision: **1**
 Date **26-Mar-01**
 Call Letters **KRNV, KTVN-I** Channel **13**
 Location **Reno, NV**
 Customer
 Antenna Type **TF-4HT-M**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **04S044190-S13-90**

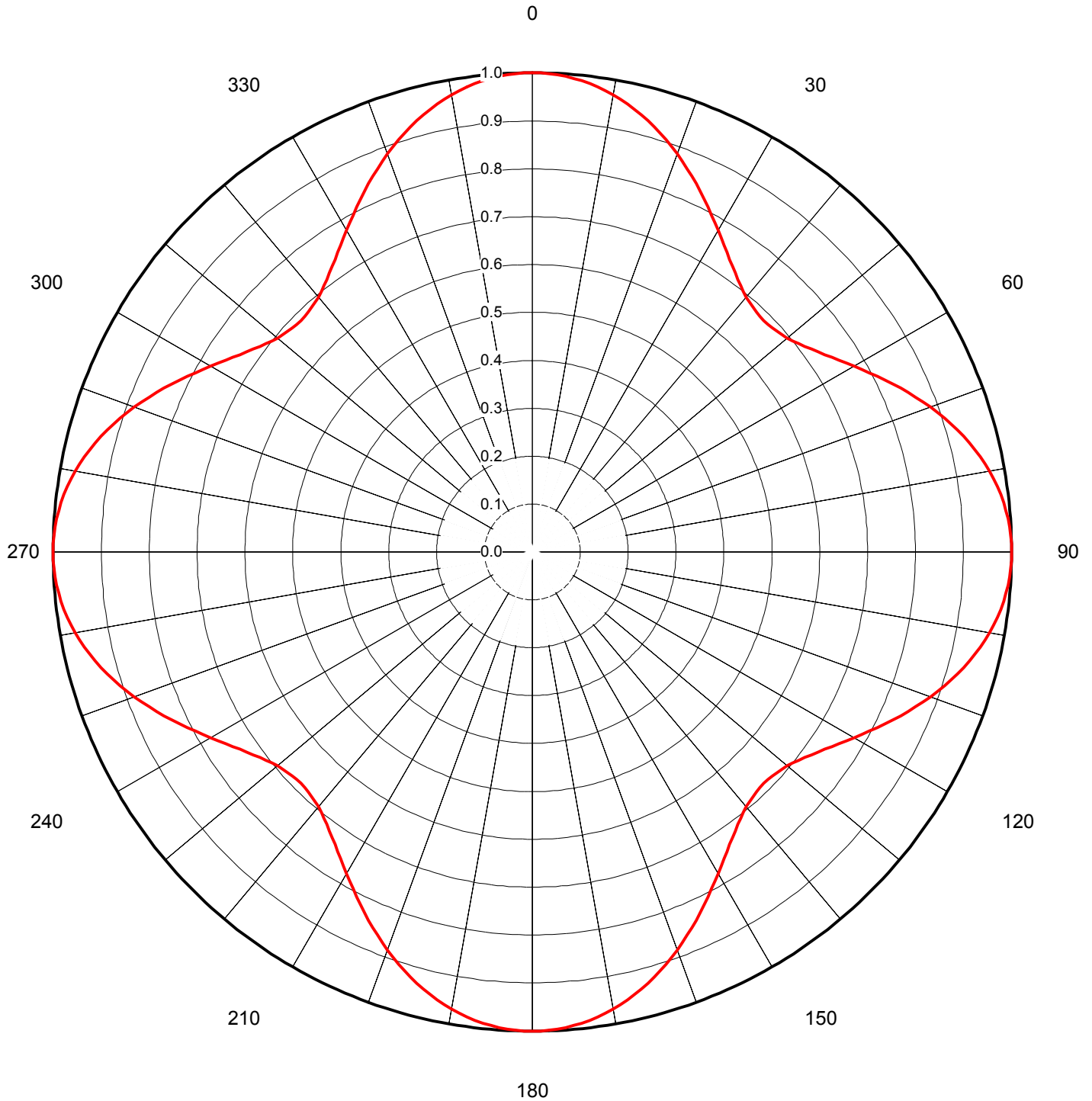
Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.176	2.4	0.997	10.6	0.265	30.5	0.127	51.0	0.319	71.5	0.018
-9.5	0.146	2.6	0.994	10.8	0.243	31.0	0.131	51.5	0.315	72.0	0.016
-9.0	0.123	2.8	0.989	11.0	0.221	31.5	0.133	52.0	0.311	72.5	0.013
-8.5	0.118	3.0	0.984	11.5	0.172	32.0	0.133	52.5	0.306	73.0	0.012
-8.0	0.136	3.2	0.978	12.0	0.132	32.5	0.131	53.0	0.300	73.5	0.011
-7.5	0.174	3.4	0.971	12.5	0.111	33.0	0.127	53.5	0.293	74.0	0.011
-7.0	0.223	3.6	0.963	13.0	0.114	33.5	0.122	54.0	0.286	74.5	0.011
-6.5	0.279	3.8	0.953	13.5	0.135	34.0	0.116	54.5	0.278	75.0	0.013
-6.0	0.338	4.0	0.943	14.0	0.165	34.5	0.108	55.0	0.269	75.5	0.014
-5.5	0.400	4.2	0.932	14.5	0.197	35.0	0.101	55.5	0.261	76.0	0.016
-5.0	0.463	4.4	0.920	15.0	0.227	35.5	0.094	56.0	0.252	76.5	0.017
-4.5	0.525	4.6	0.907	15.5	0.253	36.0	0.089	56.5	0.242	77.0	0.019
-4.0	0.586	4.8	0.893	16.0	0.275	36.5	0.087	57.0	0.232	77.5	0.021
-3.5	0.645	5.0	0.879	16.5	0.292	37.0	0.087	57.5	0.222	78.0	0.022
-3.0	0.701	5.2	0.862	17.0	0.306	37.5	0.092	58.0	0.212	78.5	0.023
-2.8	0.723	5.4	0.845	17.5	0.314	38.0	0.100	58.5	0.202	79.0	0.025
-2.6	0.744	5.6	0.827	18.0	0.319	38.5	0.110	59.0	0.192	79.5	0.026
-2.4	0.764	5.8	0.809	18.5	0.319	39.0	0.123	59.5	0.182	80.0	0.027
-2.2	0.784	6.0	0.789	19.0	0.315	39.5	0.138	60.0	0.171	80.5	0.028
-2.0	0.803	6.2	0.769	19.5	0.307	40.0	0.153	60.5	0.162	81.0	0.029
-1.8	0.822	6.4	0.749	20.0	0.296	40.5	0.169	61.0	0.154	81.5	0.030
-1.6	0.840	6.6	0.728	20.5	0.281	41.0	0.185	61.5	0.145	82.0	0.031
-1.4	0.857	6.8	0.706	21.0	0.264	41.5	0.200	62.0	0.137	82.5	0.031
-1.2	0.873	7.0	0.684	21.5	0.245	42.0	0.216	62.5	0.128	83.0	0.032
-1.0	0.889	7.2	0.662	22.0	0.223	42.5	0.231	63.0	0.120	83.5	0.032
-0.8	0.903	7.4	0.639	22.5	0.200	43.0	0.245	63.5	0.112	84.0	0.032
-0.6	0.917	7.6	0.615	23.0	0.176	43.5	0.258	64.0	0.104	84.5	0.033
-0.4	0.930	7.8	0.592	23.5	0.152	44.0	0.271	64.5	0.095	85.0	0.033
-0.2	0.942	8.0	0.568	24.0	0.127	44.5	0.282	65.0	0.088	85.5	0.033
0.0	0.953	8.2	0.544	24.5	0.104	45.0	0.292	65.5	0.081	86.0	0.033
0.2	0.962	8.4	0.519	25.0	0.081	45.5	0.301	66.0	0.074	86.5	0.033
0.4	0.970	8.6	0.495	25.5	0.062	46.0	0.308	66.5	0.067	87.0	0.033
0.6	0.978	8.8	0.470	26.0	0.049	46.5	0.314	67.0	0.061	87.5	0.033
0.8	0.984	9.0	0.446	26.5	0.045	47.0	0.319	67.5	0.055	88.0	0.033
1.0	0.989	9.2	0.421	27.0	0.052	47.5	0.323	68.0	0.049	88.5	0.032
1.2	0.993	9.4	0.396	27.5	0.064	48.0	0.326	68.5	0.044	89.0	0.032
1.4	0.997	9.6	0.372	28.0	0.078	48.5	0.327	69.0	0.038	89.5	0.032
1.6	0.999	9.8	0.360	28.5	0.091	49.0	0.327	69.5	0.034	90.0	0.031
1.8	1.000	10.0	0.336	29.0	0.103	49.5	0.326	70.0	0.029		
2.0	1.000	10.2	0.312	29.5	0.113	50.0	0.324	70.5	0.025		
2.2	0.999	10.4	0.289	30.0	0.121	50.5	0.322	71.0	0.022		

Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN-L	Channel	13
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

AZIMUTH PATTERN

Gain	1.36	(1.34 dB)
Calculated / Measured	Calculated	

Frequency	213.00 MHz
Drawing #	TF-O4-13



Proposal Number	DCA-8923	Revision:	1
Date	26-Mar-01		
Call Letters	KRNV, KTVN-DT	Channel	13
Location	Reno, NV		
Customer			
Antenna Type	TF-4HT-M		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TF-O4-13**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.683	90	1.000	135	0.683	180	1.000	225	0.683	270	1.000	315	0.683
1	1.000	46	0.683	91	1.000	136	0.683	181	1.000	226	0.683	271	1.000	316	0.683
2	0.999	47	0.685	92	0.999	137	0.685	182	0.999	227	0.685	272	0.999	317	0.685
3	0.997	48	0.687	93	0.997	138	0.687	183	0.997	228	0.687	273	0.997	318	0.687
4	0.995	49	0.691	94	0.995	139	0.691	184	0.995	229	0.691	274	0.995	319	0.691
5	0.992	50	0.695	95	0.992	140	0.695	185	0.992	230	0.695	275	0.992	320	0.695
6	0.989	51	0.700	96	0.989	141	0.700	186	0.989	231	0.700	276	0.989	321	0.700
7	0.984	52	0.706	97	0.984	142	0.706	187	0.984	232	0.706	277	0.984	322	0.706
8	0.980	53	0.712	98	0.980	143	0.712	188	0.980	233	0.712	278	0.980	323	0.712
9	0.975	54	0.720	99	0.975	144	0.720	189	0.975	234	0.720	279	0.975	324	0.720
10	0.969	55	0.728	100	0.969	145	0.728	190	0.969	235	0.728	280	0.969	325	0.728
11	0.962	56	0.736	101	0.962	146	0.736	191	0.962	236	0.736	281	0.962	326	0.736
12	0.955	57	0.745	102	0.955	147	0.745	192	0.955	237	0.745	282	0.955	327	0.745
13	0.948	58	0.755	103	0.948	148	0.755	193	0.948	238	0.755	283	0.948	328	0.755
14	0.940	59	0.765	104	0.940	149	0.765	194	0.940	239	0.765	284	0.940	329	0.765
15	0.932	60	0.775	105	0.932	150	0.775	195	0.932	240	0.775	285	0.932	330	0.775
16	0.923	61	0.786	106	0.923	151	0.786	196	0.923	241	0.786	286	0.923	331	0.786
17	0.914	62	0.797	107	0.914	152	0.797	197	0.914	242	0.797	287	0.914	332	0.797
18	0.904	63	0.808	108	0.904	153	0.808	198	0.904	243	0.808	288	0.904	333	0.808
19	0.894	64	0.819	109	0.894	154	0.819	199	0.894	244	0.819	289	0.894	334	0.819
20	0.884	65	0.830	110	0.884	155	0.830	200	0.884	245	0.830	290	0.884	335	0.830
21	0.873	66	0.841	111	0.873	156	0.841	201	0.873	246	0.841	291	0.873	336	0.841
22	0.863	67	0.852	112	0.863	157	0.852	202	0.863	247	0.852	292	0.863	337	0.852
23	0.852	68	0.863	113	0.852	158	0.863	203	0.852	248	0.863	293	0.852	338	0.863
24	0.841	69	0.873	114	0.841	159	0.873	204	0.841	249	0.873	294	0.841	339	0.873
25	0.830	70	0.884	115	0.830	160	0.884	205	0.830	250	0.884	295	0.830	340	0.884
26	0.819	71	0.894	116	0.819	161	0.894	206	0.819	251	0.894	296	0.819	341	0.894
27	0.808	72	0.904	117	0.808	162	0.904	207	0.808	252	0.904	297	0.808	342	0.904
28	0.797	73	0.914	118	0.797	163	0.914	208	0.797	253	0.914	298	0.797	343	0.914
29	0.786	74	0.923	119	0.786	164	0.923	209	0.786	254	0.923	299	0.786	344	0.923
30	0.775	75	0.932	120	0.775	165	0.932	210	0.775	255	0.932	300	0.775	345	0.932
31	0.765	76	0.940	121	0.765	166	0.940	211	0.765	256	0.940	301	0.765	346	0.940
32	0.755	77	0.948	122	0.755	167	0.948	212	0.755	257	0.948	302	0.755	347	0.948
33	0.745	78	0.955	123	0.745	168	0.955	213	0.745	258	0.955	303	0.745	348	0.955
34	0.736	79	0.962	124	0.736	169	0.962	214	0.736	259	0.962	304	0.736	349	0.962
35	0.728	80	0.969	125	0.728	170	0.969	215	0.728	260	0.969	305	0.728	350	0.969
36	0.720	81	0.975	126	0.720	171	0.975	216	0.720	261	0.975	306	0.720	351	0.975
37	0.712	82	0.980	127	0.712	172	0.980	217	0.712	262	0.980	307	0.712	352	0.980
38	0.706	83	0.984	128	0.706	173	0.984	218	0.706	263	0.984	308	0.706	353	0.984
39	0.700	84	0.989	129	0.700	174	0.989	219	0.700	264	0.989	309	0.700	354	0.989
40	0.695	85	0.992	130	0.695	175	0.992	220	0.695	265	0.992	310	0.695	355	0.992
41	0.691	86	0.995	131	0.691	176	0.995	221	0.691	266	0.995	311	0.691	356	0.995
42	0.687	87	0.997	132	0.687	177	0.997	222	0.687	267	0.997	312	0.687	357	0.997
43	0.685	88	0.999	133	0.685	178	0.999	223	0.685	268	0.999	313	0.685	358	0.999
44	0.683	89	1.000	134	0.683	179	1.000	224	0.683	269	1.000	314	0.683	359	1.000