



Exhibit No.

Date	13 Jun 2008
Call Letters	
Location	
Customer	
Antenna Type	TFU-24DSB-H
Channel	20

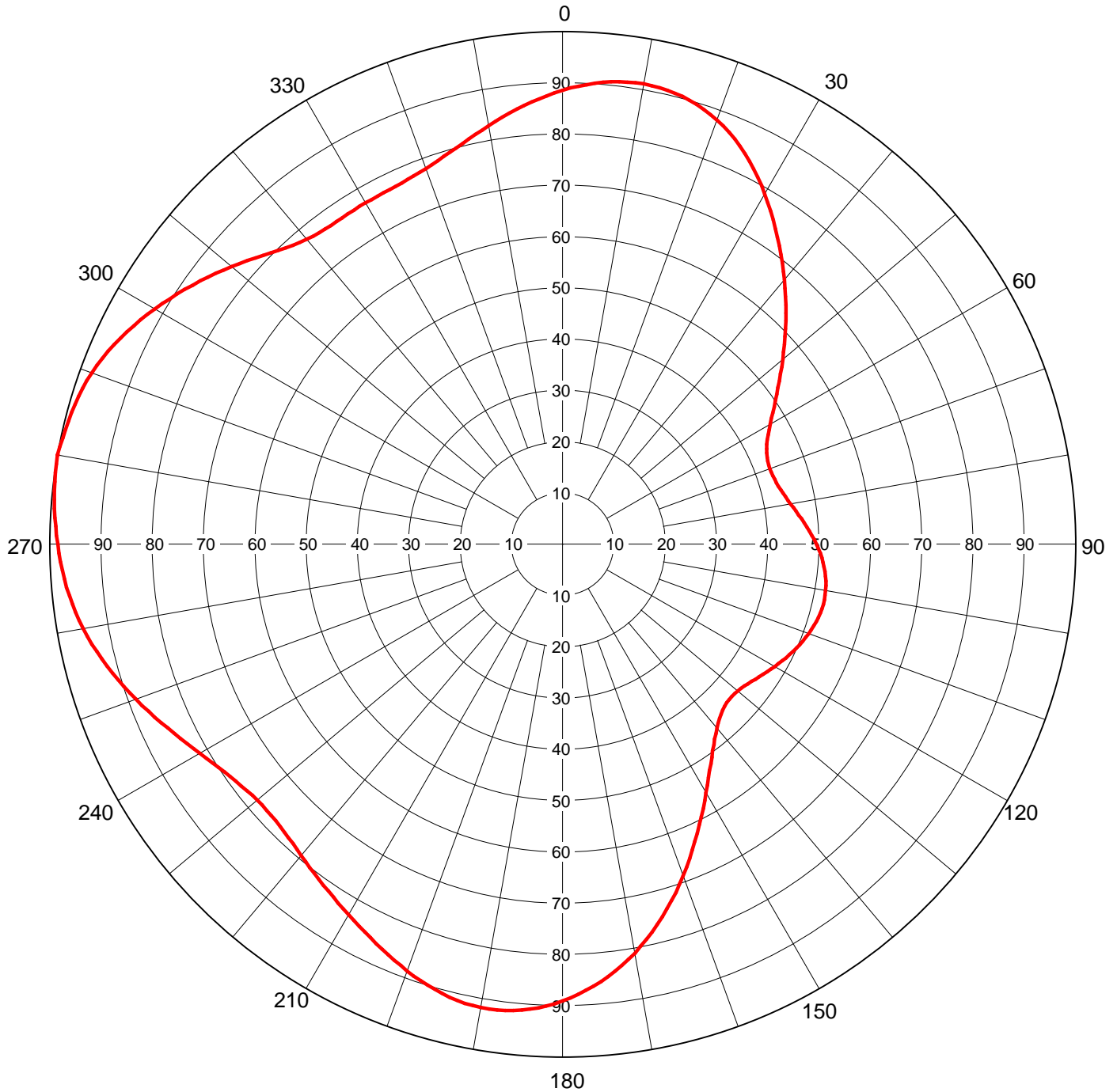
AZIMUTH PATTERN

Gain
Calculated / Measured

1.70 (2.30 dB)
Calculated

Frequency
Drawing #

509 MHz
DSB-H



Remarks:



Exhibit No.

Date **13 Jun 2008**
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Channel **20**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **DSB-H**

Angle	Field	ERP (kW)	ERP (dBk)
0	0.885	147.2	21.68
10	0.911	156.0	21.93
20	0.880	145.6	21.63
30	0.788	116.7	20.67
40	0.673	85.2	19.30
50	0.560	59.0	17.71
60	0.467	41.0	16.13
70	0.430	34.8	15.41
80	0.452	38.4	15.84
90	0.495	46.1	16.63
100	0.521	51.0	17.08
110	0.511	49.1	16.91
120	0.477	42.8	16.31
130	0.446	37.4	15.73
140	0.468	41.2	16.15
150	0.560	59.0	17.71
160	0.688	89.0	19.49
170	0.810	123.3	20.91
180	0.891	149.2	21.74
190	0.918	158.4	22.00
200	0.885	147.2	21.68
210	0.834	130.8	21.16
220	0.793	118.2	20.73
230	0.777	113.5	20.55
240	0.816	125.2	20.98
250	0.885	147.2	21.68
260	0.949	169.3	22.29
270	0.984	182.0	22.60
280	1.000	188.0	22.74
290	0.977	179.5	22.54
300	0.917	158.1	21.99
310	0.842	133.3	21.25
320	0.776	113.2	20.54
330	0.768	110.9	20.45
340	0.779	114.1	20.57
350	0.828	128.9	21.10

Maxima

Angle	Field	ERP (kW)	ERP (dBk)
10	0.911	156.0	21.93
102	0.522	51.2	17.09
189	0.918	158.4	22.00
280	1.000	188.0	22.74

Minima

Angle	Field	ERP (kW)	ERP (dBk)
70	0.430	34.8	15.41
132	0.444	37.1	15.69
228	0.776	113.2	20.54
326	0.768	110.9	20.45

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TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **DSB-H**

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

Remarks:

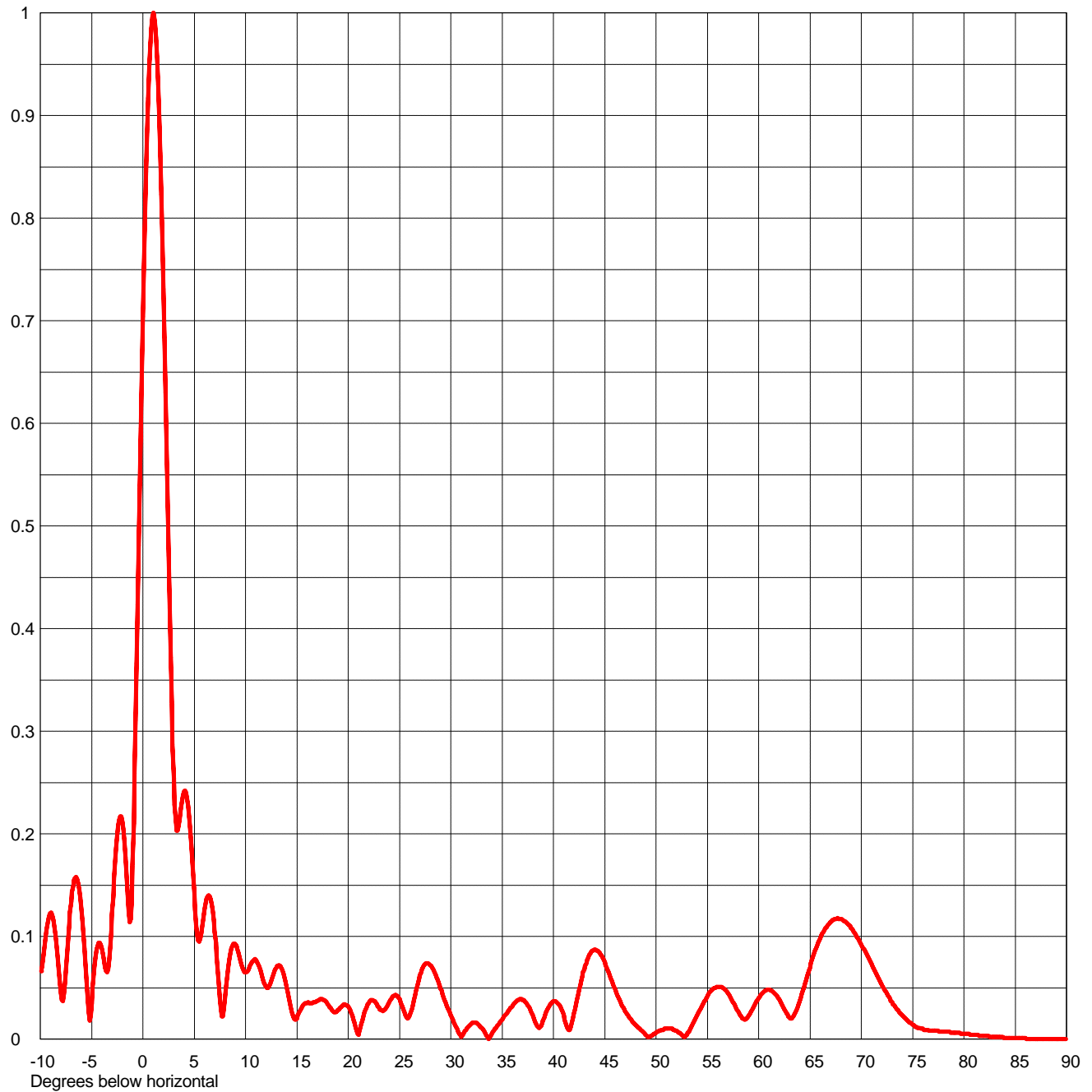


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ELEVATION PATTERN

RMS Gain at Main Lobe	24.0 (13.80 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	11.9 (10.76 dB)	Frequency	509.00 MHz
Calculated / Measured	Calculated	Drawing #	24B240100-90



Remarks:

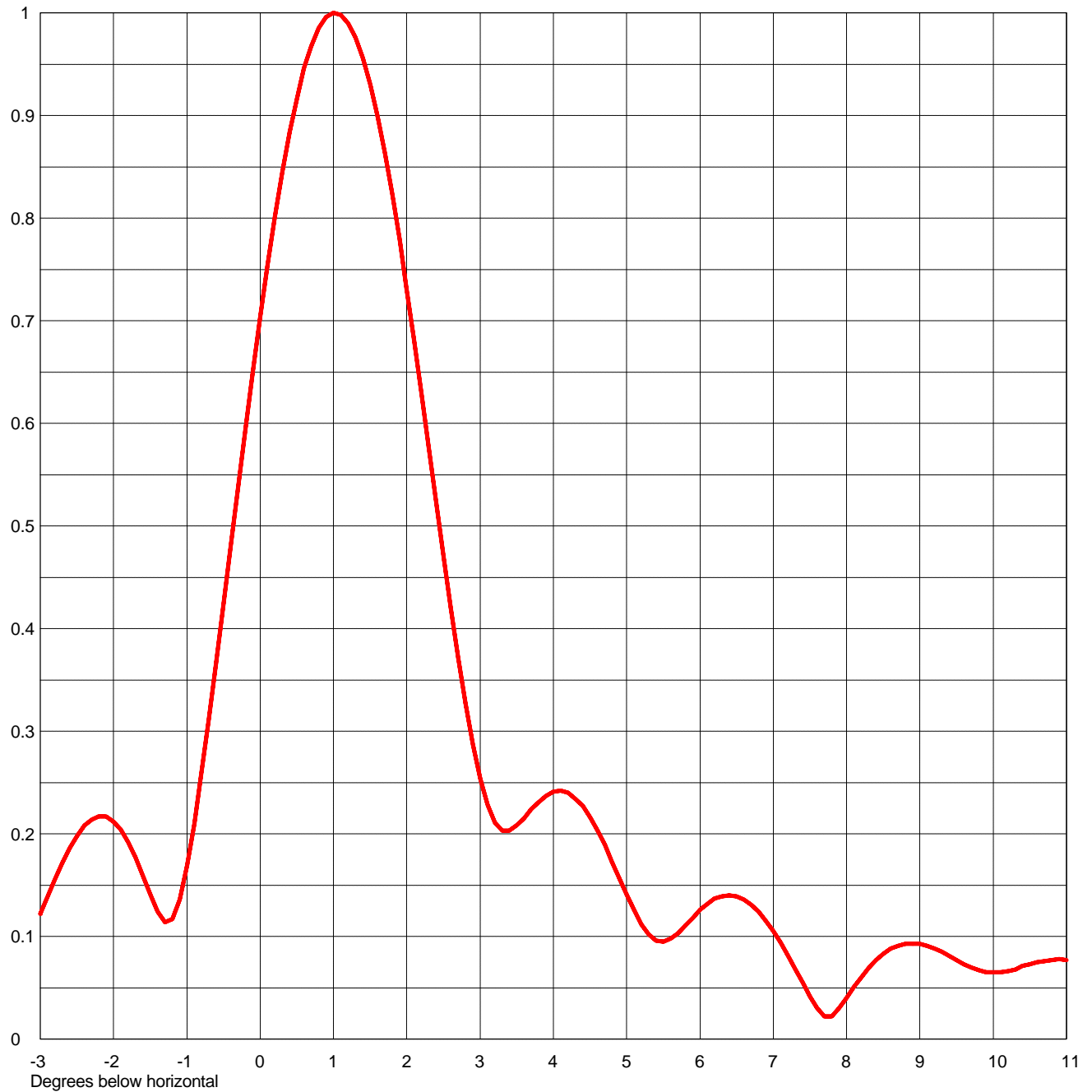


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ELEVATION PATTERN

RMS Gain at Main Lobe	24.0 (13.80 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	11.9 (10.76 dB)	Frequency	509.00 MHz
Calculated / Measured	Calculated	Drawing #	24B240100



Remarks:



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Antenna Type

TFU-24DSB-H

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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: