



Proposal Number

DCA-10170

Revision:

3

Date

10-Feb-06

Exhibit 2

Call Letters

WBNX-DT

Channel

30

Location

Akron, OH

Customer

Antenna Type

TFU-30DSC-R P270BNT

AZIMUTH PATTERN

Gain

2.70

(4.31 dB)

Calculated / Measured

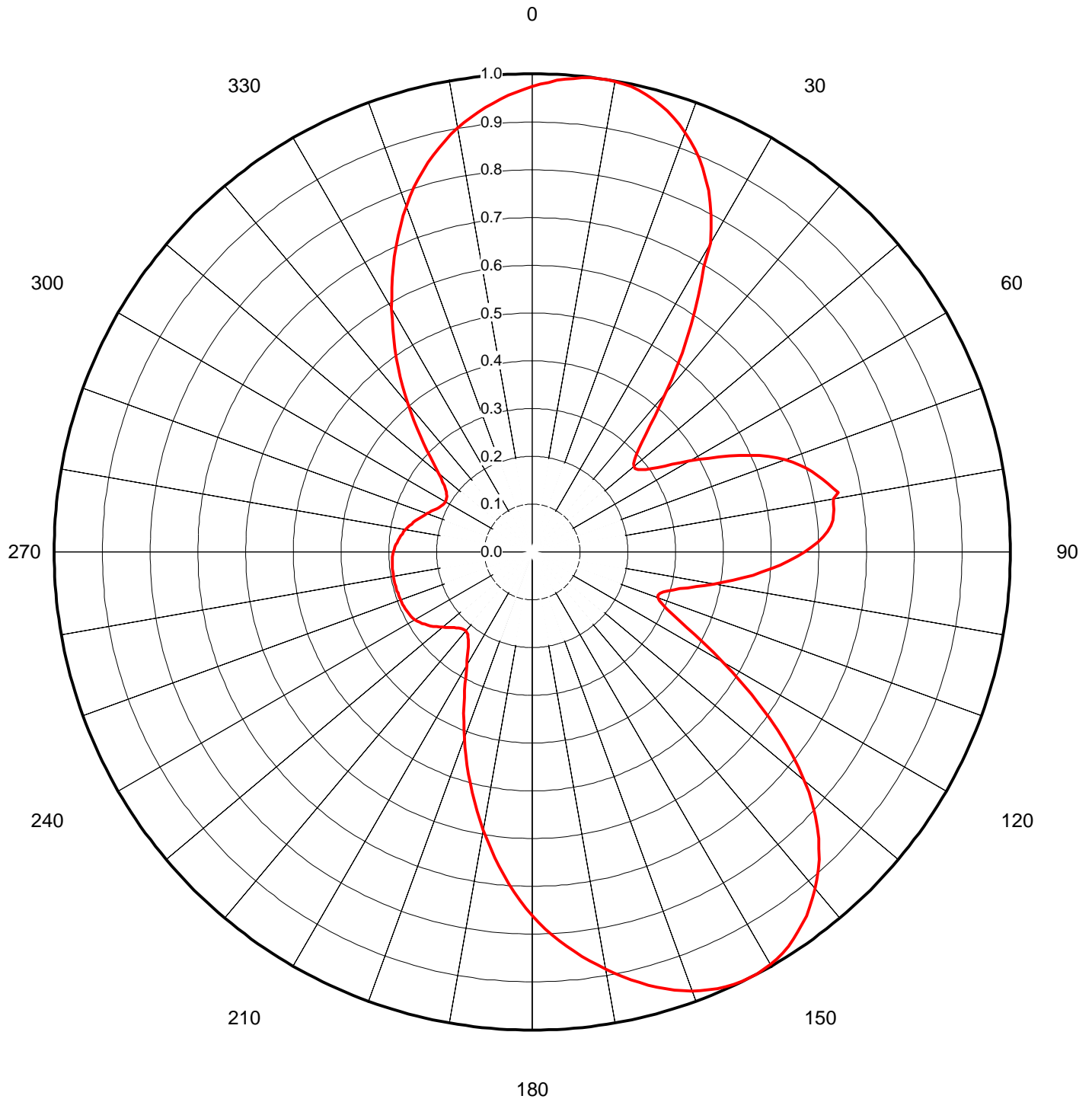
Calculated

Frequency

569.00 MHz

Drawing #

TFU-P270BNT





Proposal Number **DCA-10170** Revision: **3**
 Date **10-Feb-06** **Exhibit 3**
 Call Letters **WBNX-DT** Channel **30**
 Location **Akron, OH**
 Customer
 Antenna Type **TFU-30DSC-R P270BNT**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TFU-P270BNT**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.973	45	0.324	90	0.570	135	0.847	180	0.760	225	0.224	270	0.290	315	0.321
1	0.978	46	0.309	91	0.554	136	0.864	181	0.745	226	0.228	271	0.289	316	0.337
2	0.983	47	0.297	92	0.538	137	0.879	182	0.729	227	0.232	272	0.287	317	0.353
3	0.987	48	0.288	93	0.520	138	0.894	183	0.713	228	0.236	273	0.286	318	0.370
4	0.991	49	0.281	94	0.502	139	0.908	184	0.696	229	0.240	274	0.284	319	0.387
5	0.994	50	0.278	95	0.483	140	0.920	185	0.679	230	0.245	275	0.282	320	0.405
6	0.997	51	0.278	96	0.463	141	0.932	186	0.661	231	0.250	276	0.280	321	0.423
7	0.999	52	0.280	97	0.444	142	0.943	187	0.644	232	0.254	277	0.277	322	0.441
8	1.000	53	0.286	98	0.424	143	0.953	188	0.626	233	0.258	278	0.275	323	0.459
9	1.000	54	0.294	99	0.405	144	0.962	189	0.608	234	0.263	279	0.272	324	0.477
10	0.999	55	0.304	100	0.386	145	0.970	190	0.590	235	0.267	280	0.269	325	0.495
11	0.997	56	0.316	101	0.368	146	0.977	191	0.572	236	0.271	281	0.266	326	0.513
12	0.994	57	0.330	102	0.350	147	0.983	192	0.554	237	0.274	282	0.263	327	0.532
13	0.991	58	0.345	103	0.333	148	0.989	193	0.536	238	0.277	283	0.259	328	0.550
14	0.986	59	0.362	104	0.318	149	0.993	194	0.519	239	0.280	284	0.256	329	0.569
15	0.980	60	0.380	105	0.305	150	0.996	195	0.501	240	0.283	285	0.252	330	0.588
16	0.973	61	0.399	106	0.295	151	0.998	196	0.483	241	0.285	286	0.249	331	0.607
17	0.965	62	0.418	107	0.286	152	1.000	197	0.466	242	0.287	287	0.245	332	0.626
18	0.955	63	0.438	108	0.281	153	1.000	198	0.449	243	0.288	288	0.241	333	0.645
19	0.945	64	0.458	109	0.279	154	0.999	199	0.432	244	0.290	289	0.238	334	0.664
20	0.934	65	0.478	110	0.280	155	0.998	200	0.415	245	0.291	290	0.234	335	0.682
21	0.922	66	0.497	111	0.285	156	0.995	201	0.399	246	0.291	291	0.230	336	0.701
22	0.908	67	0.516	112	0.294	157	0.992	202	0.382	247	0.292	292	0.227	337	0.719
23	0.894	68	0.533	113	0.306	158	0.988	203	0.367	248	0.292	293	0.223	338	0.736
24	0.877	69	0.549	114	0.321	159	0.983	204	0.351	249	0.293	294	0.220	339	0.754
25	0.860	70	0.564	115	0.339	160	0.977	205	0.337	250	0.293	295	0.218	340	0.770
26	0.841	71	0.577	116	0.360	161	0.971	206	0.322	251	0.293	296	0.215	341	0.786
27	0.820	72	0.589	117	0.382	162	0.963	207	0.309	252	0.294	297	0.213	342	0.801
28	0.797	73	0.599	118	0.407	163	0.955	208	0.296	253	0.294	298	0.211	343	0.816
29	0.773	74	0.608	119	0.433	164	0.947	209	0.284	254	0.294	299	0.210	344	0.830
30	0.746	75	0.617	120	0.460	165	0.938	210	0.273	255	0.294	300	0.210	345	0.843
31	0.697	76	0.626	121	0.488	166	0.928	211	0.265	256	0.295	301	0.210	346	0.856
32	0.668	77	0.635	122	0.517	167	0.918	212	0.256	257	0.295	302	0.211	347	0.868
33	0.639	78	0.644	123	0.547	168	0.908	213	0.247	258	0.295	303	0.213	348	0.879
34	0.610	79	0.652	124	0.576	169	0.897	214	0.240	259	0.295	304	0.216	349	0.890
35	0.580	80	0.640	125	0.606	170	0.886	215	0.233	260	0.295	305	0.220	350	0.900
36	0.551	81	0.639	126	0.635	171	0.875	216	0.228	261	0.295	306	0.224	351	0.910
37	0.521	82	0.637	127	0.663	172	0.864	217	0.223	262	0.295	307	0.230	352	0.919
38	0.492	83	0.635	128	0.691	173	0.852	218	0.220	263	0.295	308	0.237	353	0.927
39	0.463	84	0.632	129	0.718	174	0.840	219	0.217	264	0.294	309	0.245	354	0.935
40	0.435	85	0.627	130	0.743	175	0.828	220	0.216	265	0.294	310	0.255	355	0.942
41	0.408	86	0.619	131	0.767	176	0.815	221	0.216	266	0.294	311	0.266	356	0.949
42	0.384	87	0.609	132	0.789	177	0.802	222	0.217	267	0.293	312	0.278	357	0.956
43	0.361	88	0.598	133	0.810	178	0.789	223	0.219	268	0.292	313	0.291	358	0.962
44	0.342	89	0.585	134	0.829	179	0.775	224	0.221	269	0.291	314	0.306	359	0.968

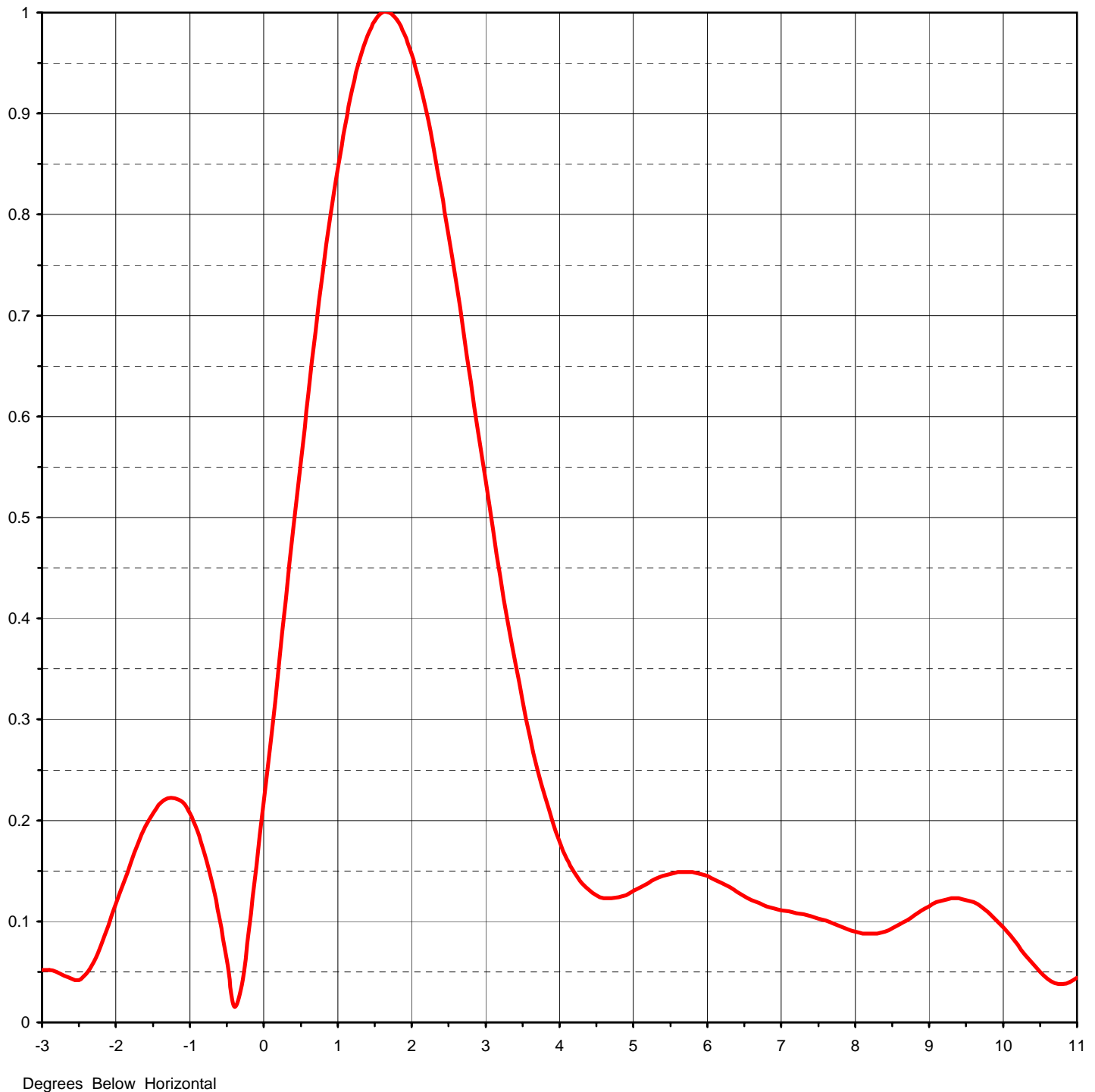


Proposal Number	DCA-10170	Revision:	3
Date	10-Feb-06	Exhibit 4A	
Call Letters	WBNX-DT	Channel	30
Location	Akron, OH		
Customer			
Antenna Type	TFU-30DSC-R P270BNT		

ELEVATION PATTERN

RMS Gain at Main Lobe	24.50 (13.89 dB)
RMS Gain at Horizontal	1.20 (0.79 dB)
Calculated / Measured	Calculated

Beam Tilt	1.65 deg
Frequency	569.00 MHz
Drawing #	30Q245165



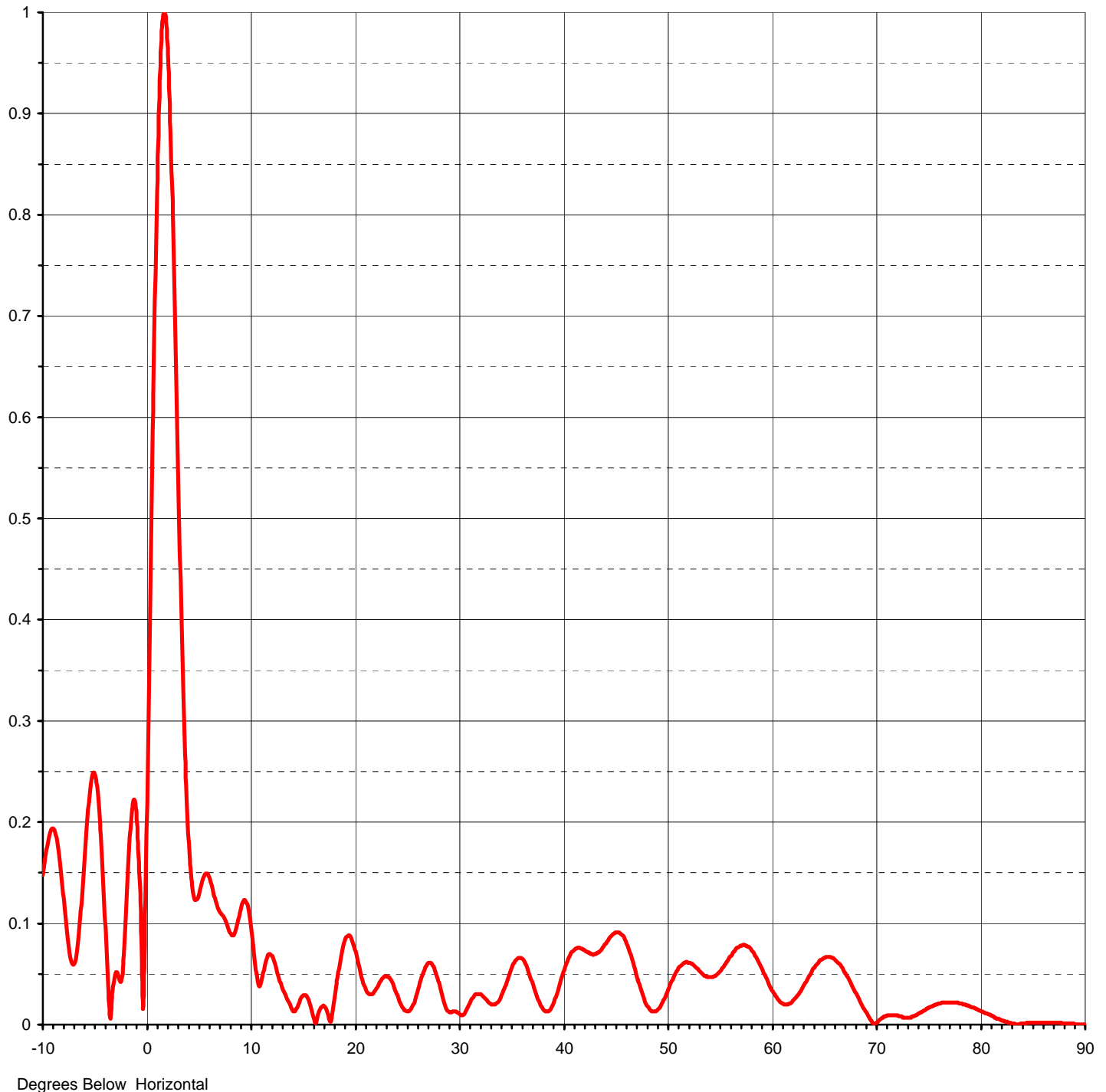


Proposal Number	DCA-10170	Revision:	3
Date	10-Feb-06	Exhibit 4B	
Call Letters	WBNX-DT	Channel	30
Location	Akron, OH		
Customer			
Antenna Type	TFU-30DSC-R P270BNT		

ELEVATION PATTERN

RMS Gain at Main Lobe	24.50 (13.89 dB)
RMS Gain at Horizontal	1.20 (0.79 dB)
Calculated / Measured	Calculated

Beam Tilt	1.65 deg
Frequency	569.00 MHz
Drawing #	30Q245165-90





Proposal Number **DCA-10170** Revision: **3**
 Date **10-Feb-06** **Exhibit 5**
 Call Letters **WBNX-DT** Channel **30**
 Location **Akron, OH**
 Customer
 Antenna Type **TFU-30DSC-R P270BNT**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **30Q245165-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.148	2.4	0.824	10.6	0.050	30.5	0.010	51.0	0.054	71.5	0.009
-9.5	0.181	2.6	0.733	10.8	0.039	31.0	0.020	51.5	0.060	72.0	0.009
-9.0	0.194	2.8	0.635	11.0	0.040	31.5	0.029	52.0	0.061	72.5	0.007
-8.5	0.172	3.0	0.536	11.5	0.063	32.0	0.030	52.5	0.059	73.0	0.007
-8.0	0.124	3.2	0.441	12.0	0.069	32.5	0.026	53.0	0.054	73.5	0.008
-7.5	0.076	3.4	0.356	12.5	0.055	33.0	0.021	53.5	0.049	74.0	0.011
-7.0	0.060	3.6	0.283	13.0	0.038	33.5	0.020	54.0	0.047	74.5	0.014
-6.5	0.094	3.8	0.224	13.5	0.026	34.0	0.026	54.5	0.048	75.0	0.017
-6.0	0.163	4.0	0.179	14.0	0.015	34.5	0.039	55.0	0.052	75.5	0.019
-5.5	0.229	4.2	0.149	14.5	0.017	35.0	0.054	55.5	0.059	76.0	0.021
-5.0	0.247	4.4	0.131	15.0	0.028	35.5	0.064	56.0	0.067	76.5	0.022
-4.5	0.197	4.6	0.123	15.5	0.026	36.0	0.066	56.5	0.073	77.0	0.022
-4.0	0.096	4.8	0.124	16.0	0.010	36.5	0.058	57.0	0.078	77.5	0.022
-3.5	0.006	5.0	0.130	16.5	0.010	37.0	0.043	57.5	0.078	78.0	0.021
-3.0	0.052	5.2	0.138	17.0	0.019	37.5	0.028	58.0	0.075	78.5	0.020
-2.8	0.050	5.4	0.145	17.5	0.009	38.0	0.017	58.5	0.067	79.0	0.018
-2.6	0.043	5.6	0.149	18.0	0.021	38.5	0.013	59.0	0.057	79.5	0.016
-2.4	0.048	5.8	0.149	18.5	0.055	39.0	0.019	59.5	0.046	80.0	0.013
-2.2	0.077	6.0	0.145	19.0	0.081	39.5	0.033	60.0	0.035	80.5	0.011
-2.0	0.117	6.2	0.138	19.5	0.088	40.0	0.050	60.5	0.027	81.0	0.009
-1.8	0.158	6.4	0.129	20.0	0.076	40.5	0.065	61.0	0.021	81.5	0.006
-1.6	0.194	6.6	0.121	20.5	0.055	41.0	0.073	61.5	0.020	82.0	0.004
-1.4	0.217	6.8	0.115	21.0	0.037	41.5	0.076	62.0	0.023	82.5	0.003
-1.2	0.222	7.0	0.111	21.5	0.030	42.0	0.074	62.5	0.029	83.0	0.001
-1.0	0.207	7.2	0.108	22.0	0.034	42.5	0.071	63.0	0.037	83.5	0.000
-0.8	0.167	7.4	0.105	22.5	0.043	43.0	0.070	63.5	0.046	84.0	0.001
-0.6	0.103	7.6	0.101	23.0	0.048	43.5	0.072	64.0	0.055	84.5	0.002
-0.4	0.016	7.8	0.095	23.5	0.044	44.0	0.079	64.5	0.063	85.0	0.002
-0.2	0.093	8.0	0.090	24.0	0.032	44.5	0.086	65.0	0.066	85.5	0.002
0.0	0.218	8.2	0.088	24.5	0.019	45.0	0.091	65.5	0.067	86.0	0.002
0.2	0.352	8.4	0.090	25.0	0.013	45.5	0.090	66.0	0.064	86.5	0.002
0.4	0.489	8.6	0.097	25.5	0.017	46.0	0.083	66.5	0.059	87.0	0.002
0.6	0.622	8.8	0.106	26.0	0.031	46.5	0.069	67.0	0.051	87.5	0.002
0.8	0.743	9.0	0.115	26.5	0.049	47.0	0.051	67.5	0.041	88.0	0.001
1.0	0.846	9.2	0.121	27.0	0.060	47.5	0.034	68.0	0.031	88.5	0.001
1.2	0.925	9.4	0.123	27.5	0.058	48.0	0.020	68.5	0.021	89.0	0.000
1.4	0.977	9.6	0.119	28.0	0.045	48.5	0.013	69.0	0.012	89.5	0.000
1.6	1.000	9.8	0.115	28.5	0.025	49.0	0.014	69.5	0.004	90.0	0.000
1.8	0.993	10.0	0.102	29.0	0.013	49.5	0.021	70.0	0.002		
2.0	0.959	10.2	0.086	29.5	0.013	50.0	0.032	70.5	0.007		
2.2	0.901	10.4	0.067	30.0	0.011	50.5	0.044	71.0	0.009		