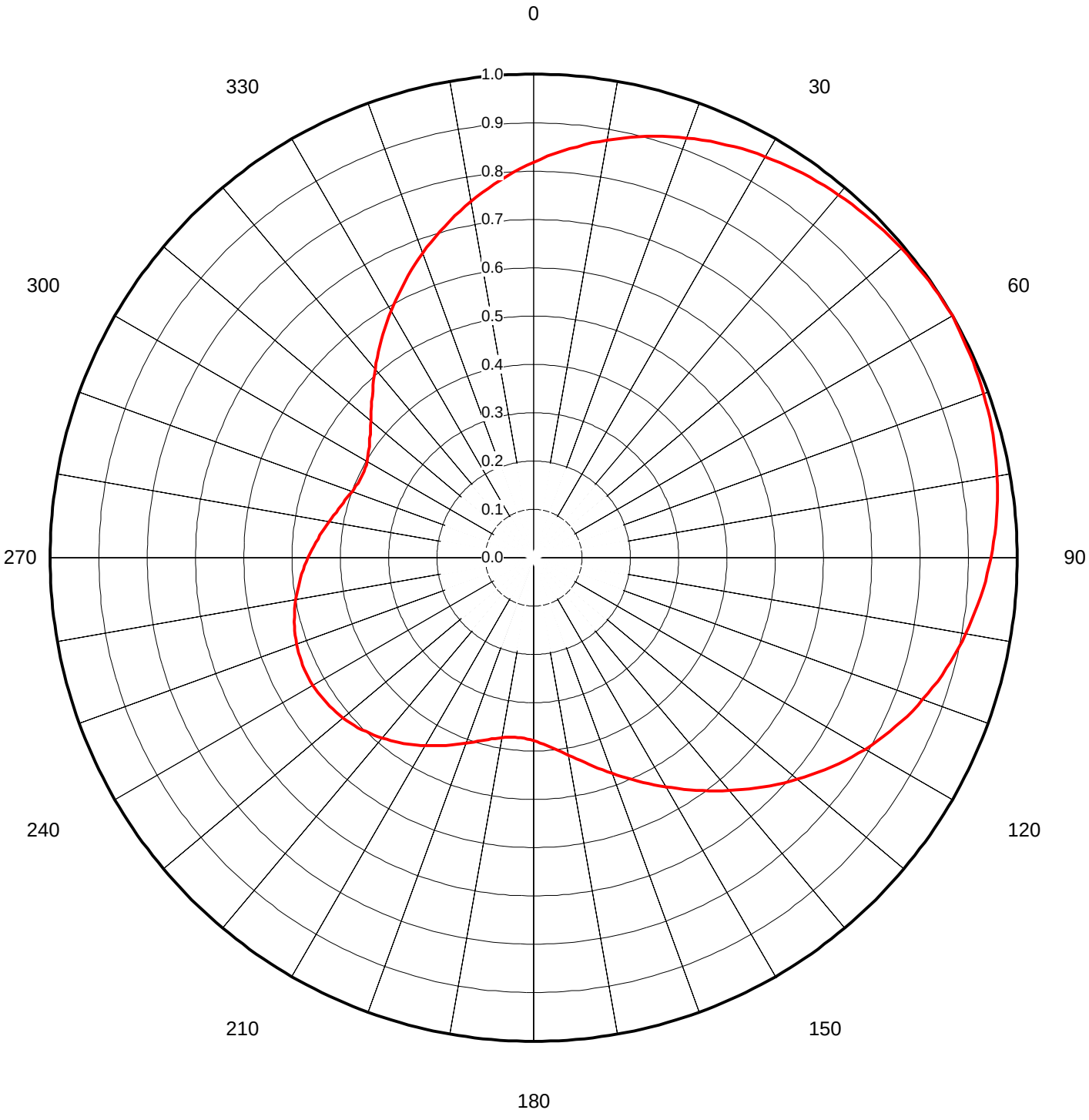
Proposal Number	**DCA-11347**		
Date	**27-Dec-05**		
Call Letters	**WREX-DT**	Channel	**54**
Location	**Rockford, IL**		
Customer	**Quincy Broadcasting**		
Antenna Type	**TLP-16C-R (C)**		

AZIMUTH PATTERN

Gain	**2.10**	**(3.22 dB)**	
Calculated / Measured	**Calculated**		
Frequency	**713.00 MHz**		
Drawing #	**TLP-C**		



Dielectric

Proposal Number	**DCA-11347**
Date	**27-Dec-05**
Call Letters	**WREX-DT** Channel **54**
Location	**Rockford, IL**
Customer	**Quincy Broadcasting**
Antenna Type	**TLP-16C-R (C)**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TLP-C**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.818	45	0.988	90	0.946	135	0.670	180	0.378	225	0.502	270	0.467	315	0.472
1	0.824	46	0.989	91	0.942	136	0.662	181	0.377	226	0.505	271	0.463	316	0.479
2	0.830	47	0.990	92	0.939	137	0.653	182	0.375	227	0.508	272	0.459	317	0.487
3	0.837	48	0.991	93	0.935	138	0.645	183	0.374	228	0.510	273	0.455	318	0.494
4	0.843	49	0.993	94	0.932	139	0.637	184	0.373	229	0.513	274	0.452	319	0.502
5	0.849	50	0.994	95	0.928	140	0.628	185	0.373	230	0.515	275	0.448	320	0.510
6	0.855	51	0.995	96	0.924	141	0.620	186	0.373	231	0.517	276	0.444	321	0.517
7	0.860	52	0.995	97	0.920	142	0.611	187	0.374	232	0.519	277	0.440	322	0.525
8	0.866	53	0.996	98	0.916	143	0.603	188	0.375	233	0.520	278	0.437	323	0.533
9	0.872	54	0.997	99	0.912	144	0.595	189	0.376	234	0.522	279	0.433	324	0.541
10	0.877	55	0.998	100	0.907	145	0.587	190	0.378	235	0.523	280	0.430	325	0.549
11	0.882	56	0.998	101	0.903	146	0.579	191	0.380	236	0.524	281	0.426	326	0.557
12	0.887	57	0.999	102	0.898	147	0.571	192	0.382	237	0.525	282	0.423	327	0.565
13	0.892	58	0.999	103	0.893	148	0.563	193	0.385	238	0.526	283	0.419	328	0.573
14	0.897	59	0.999	104	0.889	149	0.555	194	0.387	239	0.527	284	0.416	329	0.581
15	0.902	60	1.000	105	0.884	150	0.547	195	0.390	240	0.527	285	0.413	330	0.590
16	0.907	61	0.999	106	0.878	151	0.539	196	0.394	241	0.528	286	0.410	331	0.598
17	0.911	62	0.998	107	0.873	152	0.532	197	0.397	242	0.528	287	0.407	332	0.606
18	0.916	63	0.997	108	0.868	153	0.524	198	0.401	243	0.528	288	0.405	333	0.614
19	0.920	64	0.996	109	0.862	154	0.517	199	0.404	244	0.527	289	0.402	334	0.622
20	0.924	65	0.995	110	0.857	155	0.510	200	0.408	245	0.527	290	0.400	335	0.630
21	0.928	66	0.995	111	0.851	156	0.502	201	0.412	246	0.526	291	0.398	336	0.638
22	0.932	67	0.994	112	0.845	157	0.495	202	0.416	247	0.525	292	0.396	337	0.646
23	0.935	68	0.993	113	0.839	158	0.488	203	0.420	248	0.524	293	0.395	338	0.654
24	0.939	69	0.992	114	0.833	159	0.481	204	0.424	249	0.523	294	0.394	339	0.663
25	0.942	70	0.990	115	0.826	160	0.474	205	0.428	250	0.522	295	0.393	340	0.671
26	0.946	71	0.989	116	0.820	161	0.468	206	0.432	251	0.520	296	0.393	341	0.679
27	0.949	72	0.988	117	0.813	162	0.461	207	0.437	252	0.518	297	0.394	342	0.686
28	0.952	73	0.986	118	0.806	163	0.455	208	0.441	253	0.517	298	0.395	343	0.694
29	0.955	74	0.985	119	0.799	164	0.448	209	0.445	254	0.515	299	0.396	344	0.702
30	0.958	75	0.983	120	0.792	165	0.442	210	0.449	255	0.512	300	0.398	345	0.710
31	0.960	76	0.981	121	0.784	166	0.436	211	0.453	256	0.510	301	0.400	346	0.718
32	0.963	77	0.980	122	0.777	167	0.430	212	0.457	257	0.508	302	0.403	347	0.725
33	0.965	78	0.978	123	0.769	168	0.425	213	0.461	258	0.505	303	0.406	348	0.733
34	0.968	79	0.976	124	0.761	169	0.420	214	0.465	259	0.503	304	0.410	349	0.741
35	0.970	80	0.973	125	0.754	170	0.414	215	0.469	260	0.500	305	0.414	350	0.748
36	0.972	81	0.971	126	0.746	171	0.410	216	0.472	261	0.497	306	0.419	351	0.755
37	0.974	82	0.969	127	0.737	172	0.405	217	0.476	262	0.494	307	0.423	352	0.763
38	0.976	83	0.966	128	0.729	173	0.401	218	0.480	263	0.491	308	0.429	353	0.770
39	0.978	84	0.964	129	0.721	174	0.396	219	0.483	264	0.488	309	0.434	354	0.777
40	0.980	85	0.961	130	0.713	175	0.393	220	0.487	265	0.484	310	0.440	355	0.784
41	0.982	86	0.958	131	0.704	176	0.389	221	0.490	266	0.481	311	0.446	356	0.791
42	0.983	87	0.955	132	0.696	177	0.386	222	0.493	267	0.477	312	0.452	357	0.798
43	0.985	88	0.952	133	0.687	178	0.383	223	0.497	268	0.474	313	0.459	358	0.804
44	0.986	89	0.949	134	0.679	179	0.381	224	0.500	269	0.470	314	0.465	359	0.811