KBLR-DT Modification of Construction Permit **EXHIBIT 41**
June 14, 2006

ANTENNA SPECIFICATIONS

Compliance with 47 C.F.R. Section 73.682(a)(14)

Antenna polarization: The proposed antenna employs horizontal polarization. No vertical polarization is proposed, thus the antenna is in compliance with 47 C.F.R. Section 73.682(a)(14).

Compliance with 47 C.F.R. Section 73.625(c) and 73.685

Antenna location: The proposed KBLR-DT antenna will be located on Black Mountain, one of two main antenna farms serving the Las Vegas area.

Directional antenna: A directional antenna is proposed. The azimuth pattern was designed to match that of the antenna specified in BMPCDT20050126AJL. The antenna is a side-mounted slotted coaxial antenna. Tabulated antenna azimuth and elevation pattern data is is attached. Azimuth and elevation relative field pattern plots are included. Azimuth and elevation pattern plots showing radiated power in dBk can be prepared and provided if required.

Proximate operation: The proposed location for the KBLR-DT antenna is over 200 feet from towers with UHF broadcast antennas.

Prepared by Doug Lung,
June 14, 2006

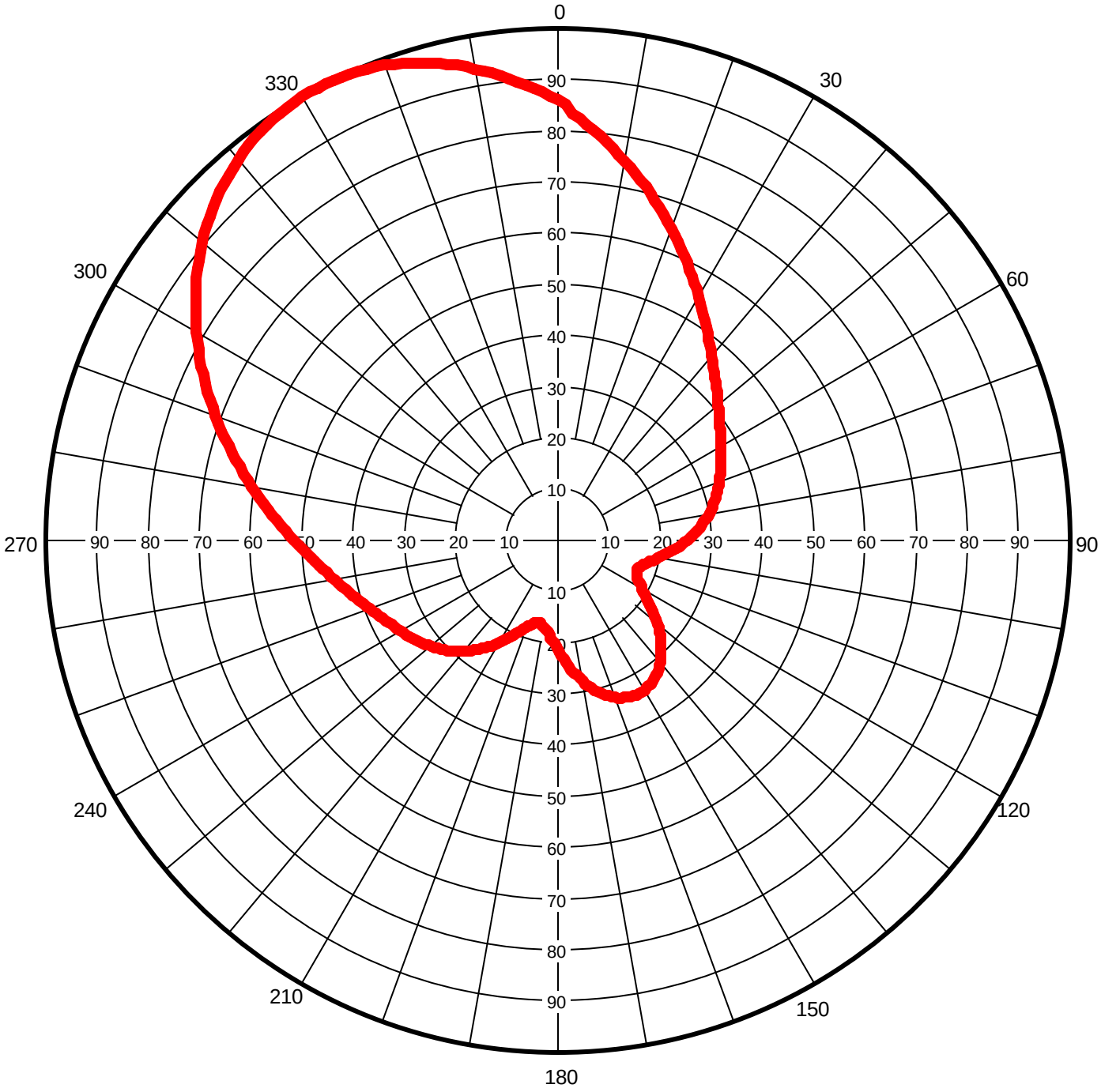
Exhibit No.
41

Dielectric

Date	**10 Apr 2006**		
Call Letters	**KBLR-DT**	Channel	**40**
Location	**Paradise, NV**		
Customer	**NBC Telemundo**		
Antenna Type	**Coaxial Slot**		

AZIMUTH PATTERN

Gain	**3.40 (5.31 dB)**	Frequency	**MHz**
Calculated / Measured	**Calculated**	Drawing #	**TLP-ESP**



Remarks:

KBLR-DT Application to Modify CP **EXHIBIT 41**
June 14, 2006

TABULATION OF AZIMUTH RADIATION PATTERN: DIELECTRIC TLP-16E SP

Major lobe axis of symmetry: 332 degrees true
Electrical Beam Tilt: 0.75 degrees
Mechanical Beam Tilt: None
Calculated Maximum Horizontal Plane Azimuth Pattern Gain: 3.40 (5.31 dB)
Maximum Horizontal Plane Effective Radiated Power: 230 kW

Angle	Field	ERP (kw)	ERP (dBk)
0	0.860	170.1	22.31
10	0.753	130.4	21.15
20	0.648	96.6	19.85
30	0.550	69.6	18.42
40	0.469	50.6	17.04
50	0.410	38.7	15.87
60	0.368	31.1	14.93
70	0.336	26.0	14.14
80	0.301	20.8	13.19
90	0.254	14.8	11.71
100	0.200	9.2	9.64
110	0.166	6.3	8.02
120	0.191	8.4	9.24
130	0.254	14.8	11.71
140	0.312	22.4	13.50
150	0.338	26.3	14.20
160	0.327	24.6	13.91
170	0.280	18.0	12.56
180	0.214	10.5	10.23
190	0.169	6.6	8.18
200	0.182	7.6	8.82
210	0.232	12.4	10.93
220	0.283	18.4	12.65
230	0.323	24.0	13.80
240	0.355	29.0	14.62
250	0.391	35.2	15.46
260	0.442	44.9	16.53
270	0.515	61.0	17.85
280	0.607	84.7	19.28
290	0.711	116.3	20.65
300	0.814	152.4	21.83
310	0.906	188.8	22.76
320	0.970	216.4	23.35
330	0.999	229.5	23.61
340	0.987	224.1	23.50
350	0.935	201.1	23.03

MAXIMA

Angle	Field	ERP (kw)	ERP (dBk)
332	1.000	230.0	23.62
152	0.339	26.4	14.22

MINIMA

Angle	Field	ERP (kw)	ERP (dBk)
111	0.166	6.3	8.02
193	0.166	6.3	8.02

Prepared by Doug Lung, June 14, 2006

Exhibit No.
41

Dielectric

Date **10 Apr 2006**
Call Letters **KBLR-DT** Channel **40**
Location **Paradise, NV**
Customer NBC Telemundo
Antenna Type **Coaxial Slot**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TLP-ESP**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.860	45	0.436	90	0.254	135	0.286	180	0.214	225	0.305	270	0.515	315	0.942
1	0.851	46	0.431	91	0.248	136	0.291	181	0.208	226	0.309	271	0.523	316	0.948
2	0.834	47	0.425	92	0.243	137	0.297	182	0.202	227	0.312	272	0.532	317	0.954
3	0.824	48	0.420	93	0.238	138	0.302	183	0.196	228	0.316	273	0.541	318	0.960
4	0.814	49	0.415	94	0.232	139	0.307	184	0.191	229	0.320	274	0.550	319	0.965
5	0.804	50	0.410	95	0.227	140	0.312	185	0.186	230	0.323	275	0.559	320	0.970
6	0.794	51	0.405	96	0.221	141	0.316	186	0.182	231	0.327	276	0.568	321	0.975
7	0.784	52	0.400	97	0.215	142	0.320	187	0.178	232	0.330	277	0.578	322	0.979
8	0.773	53	0.396	98	0.210	143	0.324	188	0.174	233	0.333	278	0.587	323	0.983
9	0.763	54	0.391	99	0.205	144	0.327	189	0.171	234	0.336	279	0.597	324	0.986
10	0.753	55	0.387	100	0.200	145	0.330	190	0.169	235	0.339	280	0.607	325	0.990
11	0.742	56	0.383	101	0.195	146	0.332	191	0.167	236	0.343	281	0.617	326	0.992
12	0.732	57	0.379	102	0.190	147	0.334	192	0.166	237	0.346	282	0.627	327	0.995
13	0.722	58	0.375	103	0.186	148	0.336	193	0.166	238	0.349	283	0.637	328	0.997
14	0.711	59	0.371	104	0.182	149	0.337	194	0.166	239	0.352	284	0.648	329	0.998
15	0.700	60	0.368	105	0.178	150	0.338	195	0.167	240	0.355	285	0.658	330	0.999
16	0.690	61	0.364	106	0.174	151	0.339	196	0.169	241	0.358	286	0.669	331	1.000
17	0.679	62	0.361	107	0.172	152	0.339	197	0.172	242	0.361	287	0.679	332	1.000
18	0.669	63	0.358	108	0.169	153	0.339	198	0.174	243	0.364	288	0.690	333	1.000
19	0.658	64	0.355	109	0.167	154	0.338	199	0.178	244	0.368	289	0.700	334	0.999
20	0.648	65	0.352	110	0.166	155	0.337	200	0.182	245	0.371	290	0.711	335	0.998
21	0.637	66	0.349	111	0.166	156	0.336	201	0.186	246	0.375	291	0.721	336	0.997
22	0.627	67	0.346	112	0.166	157	0.334	202	0.190	247	0.379	292	0.732	337	0.995
23	0.617	68	0.343	113	0.167	158	0.332	203	0.195	248	0.383	293	0.743	338	0.992
24	0.607	69	0.339	114	0.169	159	0.330	204	0.200	249	0.387	294	0.753	339	0.990
25	0.597	70	0.336	115	0.171	160	0.327	205	0.205	250	0.391	295	0.764	340	0.987
26	0.587	71	0.333	116	0.174	161	0.324	206	0.210	251	0.396	296	0.774	341	0.983
27	0.578	72	0.330	117	0.178	162	0.320	207	0.215	252	0.400	297	0.784	342	0.979
28	0.568	73	0.327	118	0.182	163	0.316	208	0.221	253	0.405	298	0.794	343	0.975
29	0.559	74	0.323	119	0.186	164	0.312	209	0.227	254	0.410	299	0.804	344	0.970
30	0.550	75	0.320	120	0.191	165	0.307	210	0.232	255	0.415	300	0.814	345	0.965
31	0.541	76	0.316	121	0.196	166	0.302	211	0.238	256	0.420	301	0.824	346	0.959
32	0.532	77	0.312	122	0.202	167	0.297	212	0.243	257	0.425	302	0.834	347	0.954
33	0.523	78	0.309	123	0.208	168	0.291	213	0.248	258	0.431	303	0.844	348	0.948
34	0.515	79	0.305	124	0.214	169	0.286	214	0.254	259	0.436	304	0.853	349	0.941
35	0.507	80	0.301	125	0.221	170	0.280	215	0.259	260	0.442	305	0.862	350	0.935
36	0.499	81	0.296	126	0.227	171	0.273	216	0.264	261	0.449	306	0.871	351	0.928
37	0.491	82	0.292	127	0.234	172	0.267	217	0.269	262	0.455	307	0.880	352	0.921
38	0.483	83	0.288	128	0.240	173	0.261	218	0.274	263	0.462	308	0.889	353	0.914
39	0.476	84	0.283	129	0.247	174	0.254	219	0.278	264	0.469	309	0.897	354	0.907
40	0.469	85	0.278	130	0.254	175	0.247	220	0.283	265	0.476	310	0.906	355	0.899
41	0.462	86	0.274	131	0.261	176	0.240	221	0.288	266	0.483	311	0.913	356	0.891
42	0.455	87	0.269	132	0.267	177	0.234	222	0.292	267	0.491	312	0.921	357	0.884
43	0.449	88	0.264	133	0.273	178	0.227	223	0.296	268	0.499	313	0.928	358	0.876
44	0.442	89	0.259	134	0.280	179	0.221	224	0.301	269	0.507	314	0.935	359	0.868

Remarks:

Exhibit 41

Dielectric

Proposal Number	**DCA-11374**	Revision:	**2**
Date	**2-Mar-06**		
Call Letters	**KBLR-DT**	Channel	**40**
Location	**Paradise, NV**		
Customer			
Antenna Type	**TLP-16E SP (C)**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**16.00**	**(12.04 dB)**	
RMS Gain at Horizontal	**13.30**	**(11.24 dB)**	
Calculated / Measured	**Calculated**		

Beam Tilt	**0.75 deg**
Frequency	**629.00 MHz**
Drawing #	**16L160075**

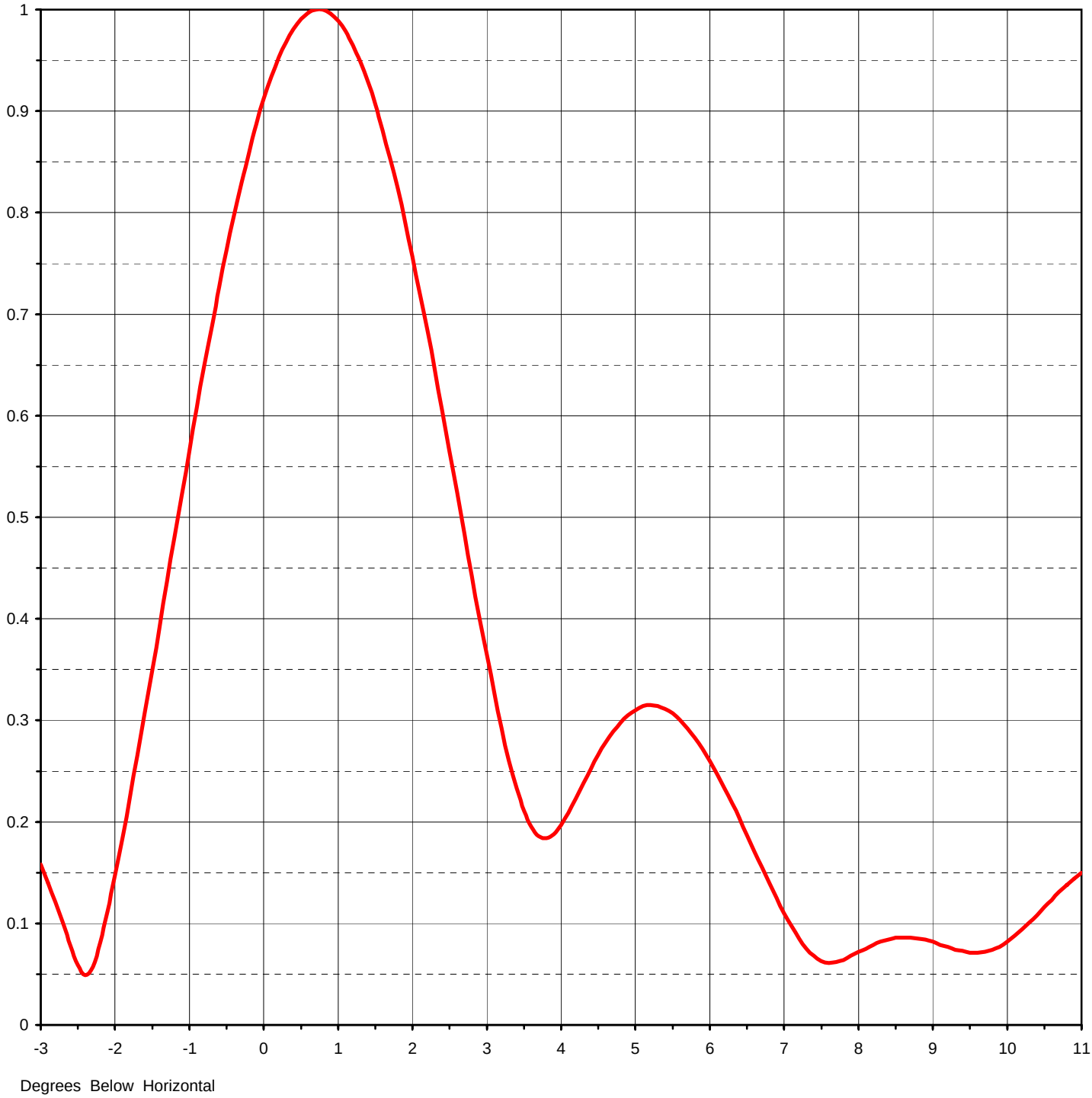


Exhibit 41

Dielectric

Proposal Number	**DCA-11374**	Revision:	**2**
Date	**2-Mar-06**		
Call Letters	**KBLR-DT**	Channel	**40**
Location	**Paradise, NV**		
Customer			
Antenna Type	**TLP-16E SP (C)**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**16.00 (12.04 dB)**	Beam Tilt	**0.75 deg**
RMS Gain at Horizontal	**13.30 (11.24 dB)**	Frequency	**629.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**16L160075-90**

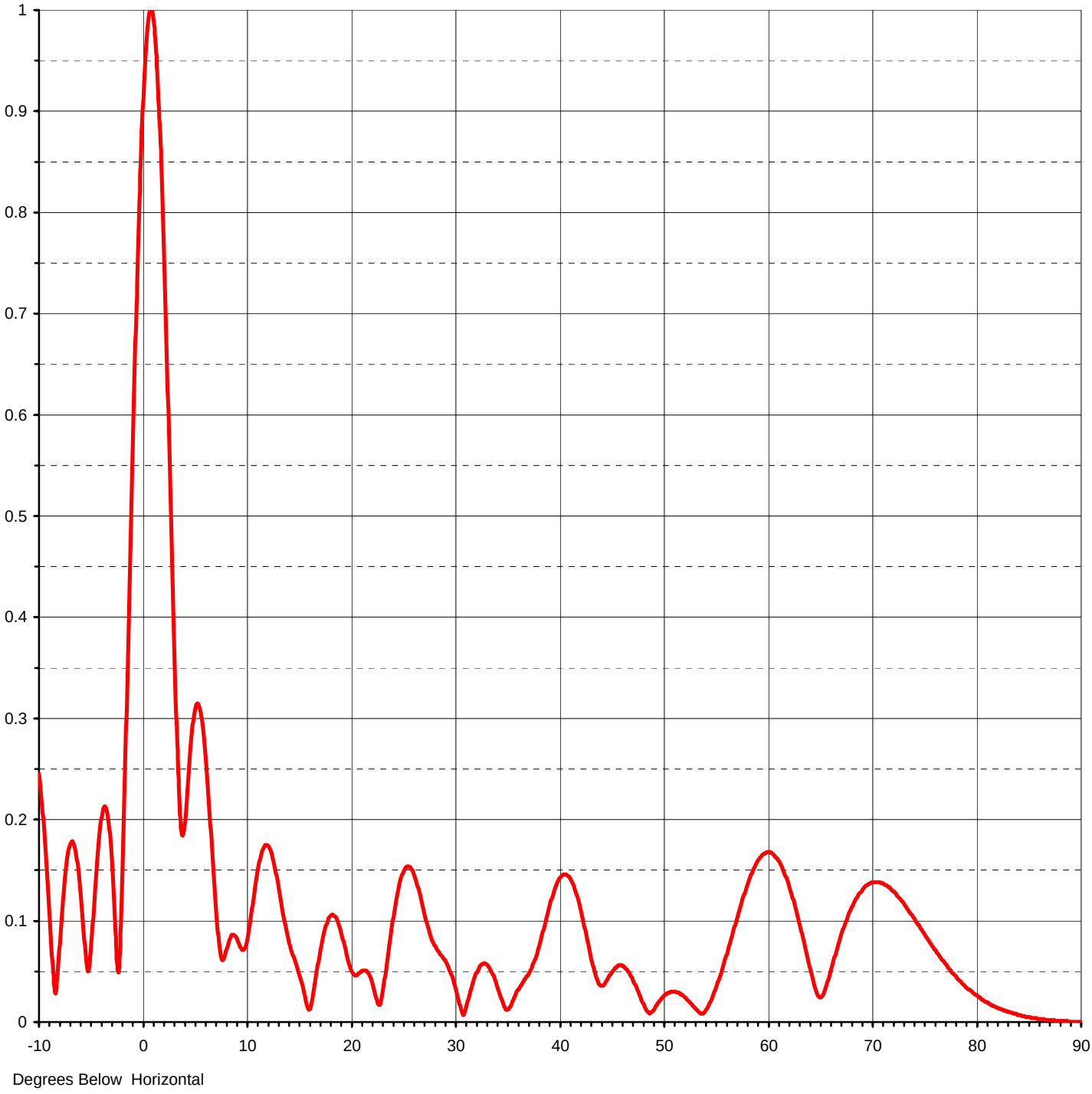


Exhibit 41

Dielectric

Proposal Number	**DCA-11374**	Revision:	**2**
Date	**2-Mar-06**		
Call Letters	**KBLR-DT**	Channel	**40**
Location	**Paradise, NV**		
Customer			
Antenna Type	**TLP-16E SP (C)**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **16L160075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.245	2.4	0.605	10.6	0.116	30.5	0.016	51.0	0.030	71.5	0.133
-9.5	0.188	2.6	0.524	10.8	0.131	31.0	0.011	51.5	0.029	72.0	0.129
-9.0	0.109	2.8	0.442	11.0	0.144	31.5	0.031	52.0	0.025	72.5	0.123
-8.5	0.031	3.0	0.364	11.5	0.169	32.0	0.047	52.5	0.020	73.0	0.117
-8.0	0.078	3.2	0.292	12.0	0.175	32.5	0.056	53.0	0.014	73.5	0.109
-7.5	0.143	3.4	0.233	12.5	0.163	33.0	0.057	53.5	0.009	74.0	0.102
-7.0	0.176	3.6	0.195	13.0	0.138	33.5	0.050	54.0	0.010	74.5	0.094
-6.5	0.170	3.8	0.184	13.5	0.108	34.0	0.037	54.5	0.020	75.0	0.086
-6.0	0.126	4.0	0.197	14.0	0.083	34.5	0.022	55.0	0.032	75.5	0.078
-5.5	0.063	4.2	0.223	14.5	0.065	35.0	0.012	55.5	0.047	76.0	0.071
-5.0	0.074	4.4	0.252	15.0	0.049	35.5	0.020	56.0	0.064	76.5	0.064
-4.5	0.148	4.6	0.278	15.5	0.030	36.0	0.031	56.5	0.082	77.0	0.057
-4.0	0.202	4.8	0.298	16.0	0.012	36.5	0.039	57.0	0.100	77.5	0.051
-3.5	0.209	5.0	0.310	16.5	0.034	37.0	0.046	57.5	0.117	78.0	0.045
-3.0	0.158	5.2	0.315	17.0	0.065	37.5	0.057	58.0	0.133	78.5	0.039
-2.8	0.121	5.4	0.311	17.5	0.090	38.0	0.072	58.5	0.147	79.0	0.034
-2.6	0.078	5.6	0.300	18.0	0.104	38.5	0.091	59.0	0.158	79.5	0.030
-2.4	0.049	5.8	0.283	18.5	0.104	39.0	0.111	59.5	0.165	80.0	0.026
-2.2	0.081	6.0	0.260	19.0	0.092	39.5	0.129	60.0	0.168	80.5	0.022
-2.0	0.147	6.2	0.233	19.5	0.072	40.0	0.141	60.5	0.166	81.0	0.019
-1.8	0.225	6.4	0.203	20.0	0.053	40.5	0.146	61.0	0.160	81.5	0.016
-1.6	0.307	6.6	0.171	20.5	0.046	41.0	0.143	61.5	0.150	82.0	0.014
-1.4	0.393	6.8	0.140	21.0	0.050	41.5	0.132	62.0	0.137	82.5	0.012
-1.2	0.480	7.0	0.110	21.5	0.051	42.0	0.114	62.5	0.120	83.0	0.010
-1.0	0.566	7.2	0.085	22.0	0.041	42.5	0.091	63.0	0.100	83.5	0.008
-0.8	0.649	7.4	0.068	22.5	0.022	43.0	0.067	63.5	0.079	84.0	0.007
-0.6	0.727	7.6	0.061	23.0	0.025	43.5	0.046	64.0	0.057	84.5	0.006
-0.4	0.797	7.8	0.064	23.5	0.060	44.0	0.036	64.5	0.033	85.0	0.005
-0.2	0.859	8.0	0.072	24.0	0.097	44.5	0.040	65.0	0.024	85.5	0.004
0.0	0.912	8.2	0.079	24.5	0.127	45.0	0.048	65.5	0.034	86.0	0.003
0.2	0.953	8.4	0.084	25.0	0.147	45.5	0.054	66.0	0.052	86.5	0.002
0.4	0.981	8.6	0.086	25.5	0.154	46.0	0.056	66.5	0.070	87.0	0.002
0.6	0.997	8.8	0.085	26.0	0.148	46.5	0.052	67.0	0.087	87.5	0.001
0.8	1.000	9.0	0.082	26.5	0.132	47.0	0.044	67.5	0.101	88.0	0.001
1.0	0.989	9.2	0.077	27.0	0.111	47.5	0.032	68.0	0.114	88.5	0.001
1.2	0.965	9.4	0.073	27.5	0.091	48.0	0.020	68.5	0.123	89.0	0.000
1.4	0.929	9.6	0.071	28.0	0.077	48.5	0.010	69.0	0.131	89.5	0.000
1.6	0.881	9.8	0.072	28.5	0.069	49.0	0.011	69.5	0.135	90.0	0.000
1.8	0.824	10.0	0.077	29.0	0.062	49.5	0.019	70.0	0.138		
2.0	0.757	10.2	0.088	29.5	0.051	50.0	0.025	70.5	0.138		
2.2	0.684	10.4	0.101	30.0	0.036	50.5	0.029	71.0	0.137		