CARL T. JONES
CORPORATION

STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
MODIFICATION OF
CONSTRUCTION PERMIT
BPCDT-19991101AKC
DTV STATION
KVCW-DT – LAS VEGAS, NEVADA
CHANNEL 29 - 1000 kW - 382.9 m HAAT

Permittee: Channel 33, Inc.

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a registered Professional Engineer in the Commonwealth of Virginia, Registration No. 7418, and in the State of New York, Registration No. 63418.

GENERAL

Channel 33, Inc., the permittee of DTV station KVCW-DT, channel 29, Las Vegas, Nevada, has authorized this office to prepare this statement, FCC Form 301 and associated exhibits in support of a request for modification of construction permit, BPCDT-19991101AKC. In accordance with Commission policies, as stated in Public Notice DA 06-1255 (*Notice*)[1], released on June 14, 2006, regarding DTV stations which have been able to satisfy the Commission's applicable replication or maximization requirements but with facilities operating under STA which are different from those authorized in its construction permit, the permittee asserts that it does satisfy the requirements set forth in paragraph 78

[1] *PUBLIC NOTICE*: *DTV Channel election Issues - Compliance with the July 1, 2006 Replication/ Maximization Interference Protection Deadline; Stations Seeking Extension of the Deadline*. MB Docket No. 03-15, DA 06-1255, Released June 14, 2006.

of the *Memorandum Opinion and Order on Reconsideration (MO&O)*[2], and is concurrently requesting a waiver of the Replication/Maximization Interference Protection Deadline while herein submitting, prior to the use-it-or-lose-it deadline, the instant application for modification of its construction permit to specify the STA facilities which currently satisfy the replication/maximization requirements set forth in paragraph 78 of the *MO&O*. The pending request for modification of its current Special Temporary Authorization, BEDSTA-20060120AEI, was made in accordance with policies set forth in the *(MO&O),* to operate with facilities different from those currently authorized and slightly different from those authorized in KVCW-DT's construction permit, BPCDT-19991101AKC.

The DTV facilities proposed herein differ from its facilities as authorized in its current construction permit in only one respect. The permittee has substituted a transmitting antenna with a slightly different horizontal azimuth pattern in order to share a common antenna with KVMY-DT, channel 22 in Las Vegas, Nevada. The pending request for modification of STA specifies a panel type multi-channel directional antenna, a Dielectric model TUA-C4-12/48-1-R-T instead of the Dielectric antenna, model TFU-18DSC-R C170 authorized in KVCW-DT's construction permit. The substitute antenna's azimuth pattern is almost the same at the azimuth pattern of the authorized antenna. The permittee has determined that the substitute antenna specified in its modification of STA request is capable of operating at KVCW-DT's authorized ERP of 1000 kW. The permittee therefore

[2] *Memorandum Opinion and Order on Reconsideration* in MM Docket No. 00-39, 16 FCC Rcd 20594 (2001), paragraphs 34-36.

seeks modification of its construction permit to specify the different antenna model number. No other change is herein requested.

PROPOSED TECHNICAL PARAMETERS

Digital station KVCW-DT is authorized to operate with an Effective Radiated Power of 1000 kW at an antenna height above average terrain of 382.9 meters using a Dielectric directional antenna, model TFU-18DSC-R C170. In order to share an antenna with KVMY-DT the permittee has installed a multi-channel panel type substitute Dielectric directional antenna, model TUA-C4-12/48-1-R-T, on its existing tower at a height above ground of 60.6 meters, its authorized height. The antenna's azimuth and elevation patterns and tabulations are shown in the attached exhibits. The permittee's currently pending request for modification of STA will permit KVCW-DT to operate at its authorized ERP of 1000 kW at its authorized HAAT of 382.9 meters using the substitute antenna. The permittee herein requests modification of its construction permit to specify the substitute directional antenna.

REQUEST FOR WAIVER OF THE APPLICATION FILING FREEZE

The permittee herein requests a waiver of the "Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes" which was announced in Public Notice DA 04-2446[3], and became effective, on August 3, 2004. In the *Notice* the Commission stated that waivers of the freeze would be considered on a case-by-case basis upon the showing of good cause, and when grant of such an application would be in the public interest.

[3] See *Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes*, DA 04-2446 (MB rel. August 3, 2004) ("*August 2004 Filing Freeze PN*")

The permittee, out of an abundance of caution,requests such waiver because the slight difference in the azimuth pattern of the multi-channel panel directional antenna causes the service contour of KVCW-DT to extend a slight *de minimis* distance beyond its authorized service contour in a small number of directions, otherwise no waiver of the filing freeze would be required.

The permittee submits that the grant of the instant application is in the public interest because it will permit KVCW-DT to continue to replicate its authorized DTV coverage area, and therefore meet the requirements of paragraph 78 of the *MO&O* as to the "Replication/ Maximization Interference Protection Deadline", as well as fulfill its certification of its intent to serve its authorized coverage area, as contained in BCERCT-20041105AQJ.

ALLOCATION CONSIDERATIONS

Since the instant application for modification of construction permit only requests a slight change in the station's authorized antenna horizontal azimuth pattern it is believed that no additional allocation studies are necessary.

BLANKETING AND INTERMODULATION INTERFERENCE

A number of both broadcast and non-broadcast facilities are located within 10 km of KVCW-DT's site. The permittee recognizes its responsibility to investigate and remedy complaints of interference which might be created by this proposal in accordance with applicable Rules.

ENVIRONMENTAL CONSIDERATIONS

Effective October 15, 1997, the FCC adopted new guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions. The guidelines are generally based on recommendations by the National Council on Radiation Protection and Measurements (NCRP) in NCRP Report No. 86 (1986), and by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, LLC (IEEE) in ANSI/IEEE C95.1-1992 (IEEE C95.1-1991). The guidelines provide a maximum permissible exposure (MPE) level for occupational or "controlled" situations that apply in cases that affect the general public. The FCC Office of Engineering and Technology's technical bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields" (Edition 97-01, August 1997), provides assistance to determine whether FCC-regulated transmitting facilities, operations or devices comply with guidelines for human exposure to radio frequency electromagnetic fields as adopted by the Commission in 1996. Bulletin No. 65 contains the technical information necessary to evaluate compliance with the FCC's policies and guidelines.

The Commission's Maximum Permitted Exposure (MPE) level for "uncontrolled" environments is 0.2 milliwatts per centimeter squared (mW/cm^2) when applied to broadcast facilities operating between 30 MHz and 300 MHz, and for broadcast facilities operating between 300 MHZ and 1500 MHz, primarily UHF TV stations, is derived from the formula, (frequency/1500). The MPE level for "controlled" environments is 1.0 milliwatts per centimeter squared (mW/cm^2) for operations between 30 MHz and 300 MHz, and for broadcast stations operating between 300 MHz and 1500 MHz is derived from the formula,

(frequency/300). The KVCW-DT site, which is controlled by a site administrator, has been measured and found to comply with the Commission's environmental requirements.

OCCUPATIONAL SAFETY

The permittee of KVCW-DT is committed to the protection of station personnel and/or tower contractors working in the vicinity of the antenna. The permittee is committed to reducing power and/or ceasing operation during times of service or maintenance of the transmission systems, when necessary, to ensure protection to personnel.

SUMMARY

It is submitted that the request for Modification of Construction Permit, as described herein, complies with the policies, rules and regulations of the Federal Communications Commission, except as stated herein for which a waiver is requested. This statement, FCC Form 301 and the associated exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

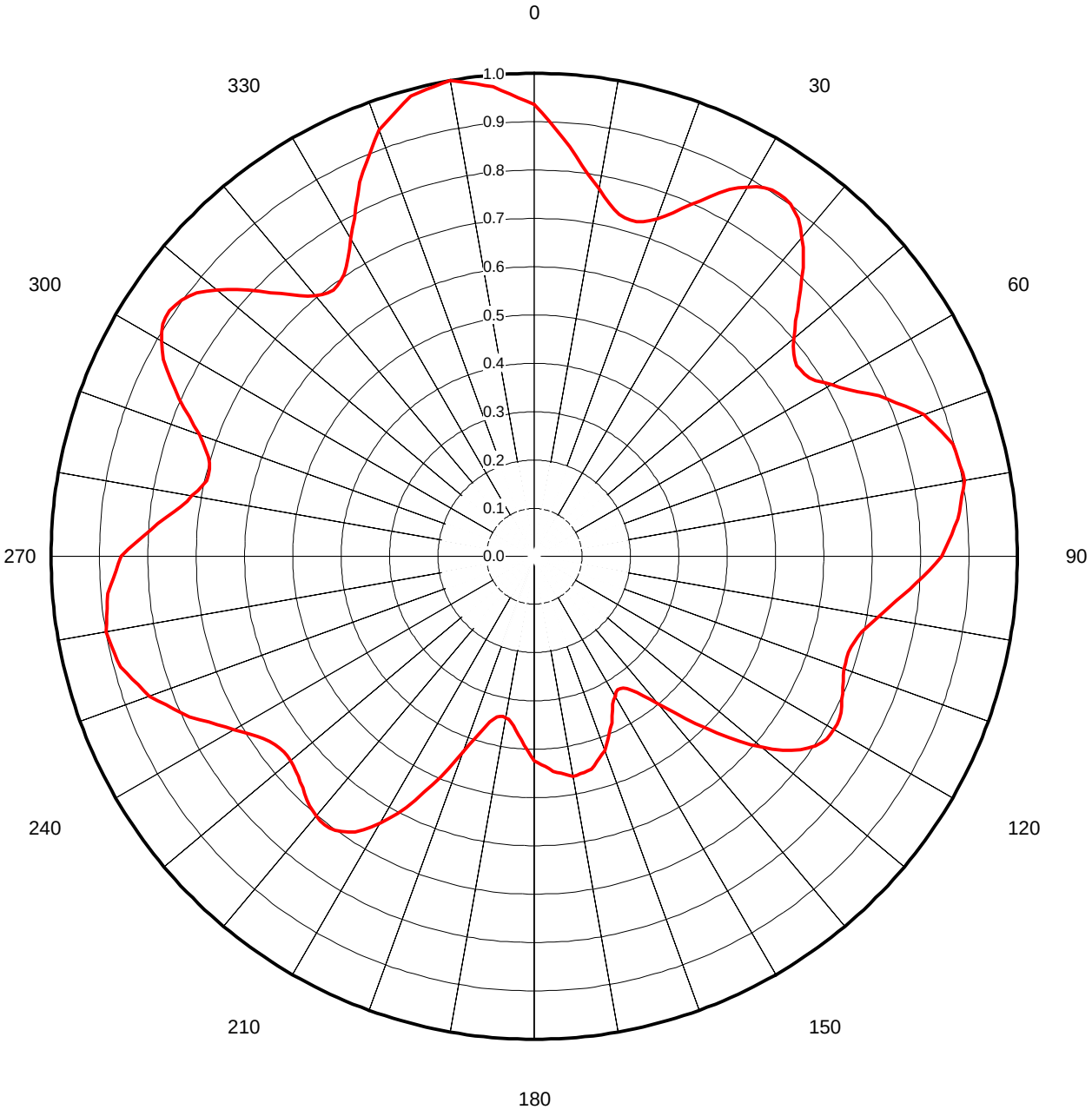
Dated: June 28, 2006

John E. Hidle, P.E.

Proposal Number	**DCA-9668**	Revision:	**2**
Date	**20-Dec-01**		**Exhibit ONE**
Call Letters	**KVWB & KFBT**	Channel	**29**
Location	**Las Vegas, NV**		
Customer	**Sinclair**		
Antenna Type	**TUA-C4-12/48-1-R-T**		

AZIMUTH PATTERN

Gain	**1.86**	**(2.69 dB)**	Frequency	**563.00 MHz**
Calculated / Measured		**Calculated**	Drawing #	**TUA-C4-563**



Dielectric

Proposal Number	**DCA-9668**	Revision:	**2**
Date	**20-Dec-01**		**Exhibit TWO**
Call Letters	**KVWB & KFBT**	Channel	**29**
Location	**Las Vegas, NV**		
Customer	**Sinclair**		
Antenna Type	**TUA-C4-12/48-1-R-T**		

TABULATION OF AZIMUTH PATTERN

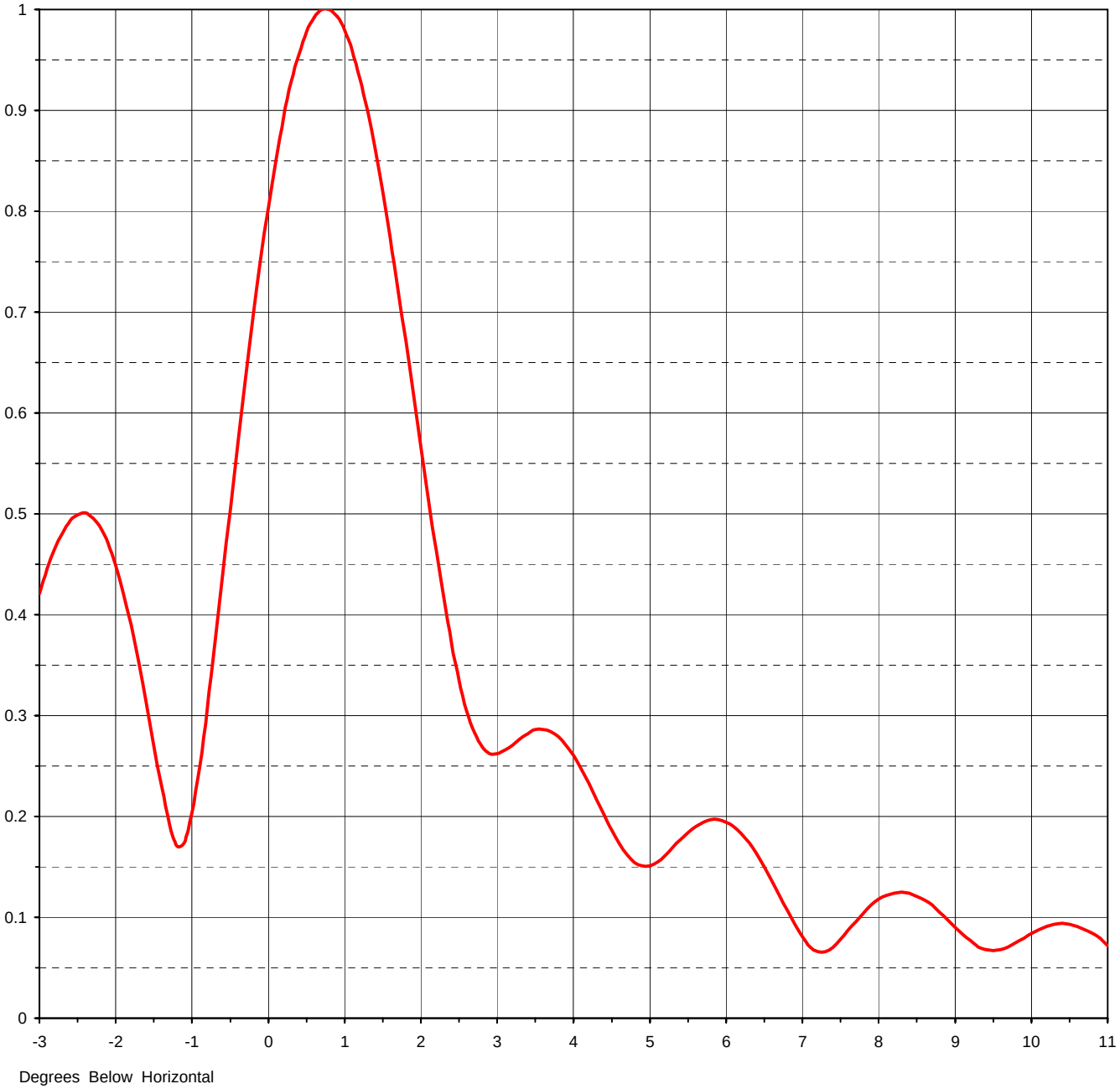
Azimuth Pattern Drawing #: **TUA-C4-563**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.935	45	0.780	90	0.844	135	0.503	180	0.424	225	0.678	270	0.855	315	0.773
1	0.918	46	0.762	91	0.831	136	0.481	181	0.413	226	0.673	271	0.840	316	0.756
2	0.900	47	0.745	92	0.818	137	0.459	182	0.402	227	0.668	272	0.824	317	0.741
3	0.883	48	0.729	93	0.805	138	0.438	183	0.391	228	0.664	273	0.810	318	0.726
4	0.867	49	0.714	94	0.793	139	0.417	184	0.381	229	0.660	274	0.795	319	0.714
5	0.851	50	0.701	95	0.781	140	0.398	185	0.372	230	0.658	275	0.782	320	0.704
6	0.832	51	0.690	96	0.768	141	0.381	186	0.362	231	0.657	276	0.766	321	0.697
7	0.815	52	0.681	97	0.755	142	0.366	187	0.353	232	0.657	277	0.751	322	0.692
8	0.799	53	0.675	98	0.744	143	0.353	188	0.347	233	0.659	278	0.738	323	0.691
9	0.785	54	0.672	99	0.733	144	0.343	189	0.342	234	0.663	279	0.728	324	0.693
10	0.773	55	0.673	100	0.724	145	0.335	190	0.340	235	0.669	280	0.719	325	0.698
11	0.758	56	0.675	101	0.713	146	0.329	191	0.338	236	0.676	281	0.709	326	0.705
12	0.746	57	0.679	102	0.704	147	0.326	192	0.338	237	0.684	282	0.701	327	0.714
13	0.737	58	0.687	103	0.696	148	0.326	193	0.341	238	0.694	283	0.697	328	0.727
14	0.730	59	0.698	104	0.690	149	0.329	194	0.347	239	0.705	284	0.695	329	0.742
15	0.726	60	0.712	105	0.685	150	0.335	195	0.355	240	0.719	285	0.696	330	0.760
16	0.724	61	0.723	106	0.682	151	0.340	196	0.367	241	0.730	286	0.699	331	0.776
17	0.725	62	0.736	107	0.680	152	0.347	197	0.381	242	0.742	287	0.705	332	0.793
18	0.729	63	0.751	108	0.680	153	0.356	198	0.396	243	0.756	288	0.714	333	0.812
19	0.735	64	0.768	109	0.681	154	0.367	199	0.413	244	0.771	289	0.725	334	0.833
20	0.743	65	0.787	110	0.683	155	0.380	200	0.431	245	0.788	290	0.738	335	0.855
21	0.755	66	0.800	111	0.686	156	0.388	201	0.453	246	0.798	291	0.753	336	0.871
22	0.768	67	0.814	112	0.690	157	0.397	202	0.475	247	0.810	292	0.770	337	0.887
23	0.782	68	0.829	113	0.694	158	0.407	203	0.496	248	0.822	293	0.787	338	0.904
24	0.797	69	0.843	114	0.698	159	0.417	204	0.518	249	0.834	294	0.804	339	0.921
25	0.812	70	0.858	115	0.702	160	0.428	205	0.539	250	0.847	295	0.820	340	0.939
26	0.829	71	0.866	116	0.708	161	0.433	206	0.562	251	0.854	296	0.838	341	0.948
27	0.845	72	0.873	117	0.712	162	0.439	207	0.583	252	0.862	297	0.854	342	0.957
28	0.859	73	0.881	118	0.715	163	0.445	208	0.603	253	0.870	298	0.869	343	0.967
29	0.872	74	0.889	119	0.717	164	0.451	209	0.621	254	0.878	299	0.881	344	0.977
30	0.882	75	0.897	120	0.716	165	0.457	210	0.637	255	0.887	300	0.890	345	0.987
31	0.893	76	0.899	121	0.716	166	0.458	211	0.654	256	0.889	301	0.900	346	0.989
32	0.900	77	0.900	122	0.714	167	0.459	212	0.668	257	0.892	302	0.906	347	0.992
33	0.905	78	0.902	123	0.709	168	0.460	213	0.680	258	0.894	303	0.910	348	0.995
34	0.906	79	0.903	124	0.702	169	0.461	214	0.689	259	0.897	304	0.910	349	0.997
35	0.905	80	0.904	125	0.692	170	0.463	215	0.695	260	0.900	305	0.907	350	1.000
36	0.902	81	0.900	126	0.681	171	0.459	216	0.701	261	0.897	306	0.903	351	0.995
37	0.896	82	0.895	127	0.668	172	0.456	217	0.705	262	0.894	307	0.896	352	0.990
38	0.887	83	0.890	128	0.652	173	0.453	218	0.706	263	0.891	308	0.886	353	0.985
39	0.876	84	0.885	129	0.634	174	0.449	219	0.705	264	0.889	309	0.873	354	0.981
40	0.862	85	0.881	130	0.614	175	0.446	220	0.702	265	0.886	310	0.858	355	0.976
41	0.848	86	0.873	131	0.594	176	0.441	221	0.699	266	0.879	311	0.843	356	0.967
42	0.832	87	0.865	132	0.573	177	0.436	222	0.695	267	0.872	312	0.826	357	0.958
43	0.816	88	0.857	133	0.550	178	0.431	223	0.690	268	0.866	313	0.809	358	0.950
44	0.798	89	0.850	134	0.527	179	0.427	224	0.684	269	0.860	314	0.791	359	0.942

Proposal Number	**DCA-9668**	Revision:	**2**
Date	**20-Dec-01**		**Exhibit THREE**
Call Letters	**KVWB & KFBT**	Channel	**29**
Location	**Las Vegas, NV**		
Customer	**Sinclair**		
Antenna Type	**TUA-C4-12/48-1-R-T**		

ELEVATION PATTERN

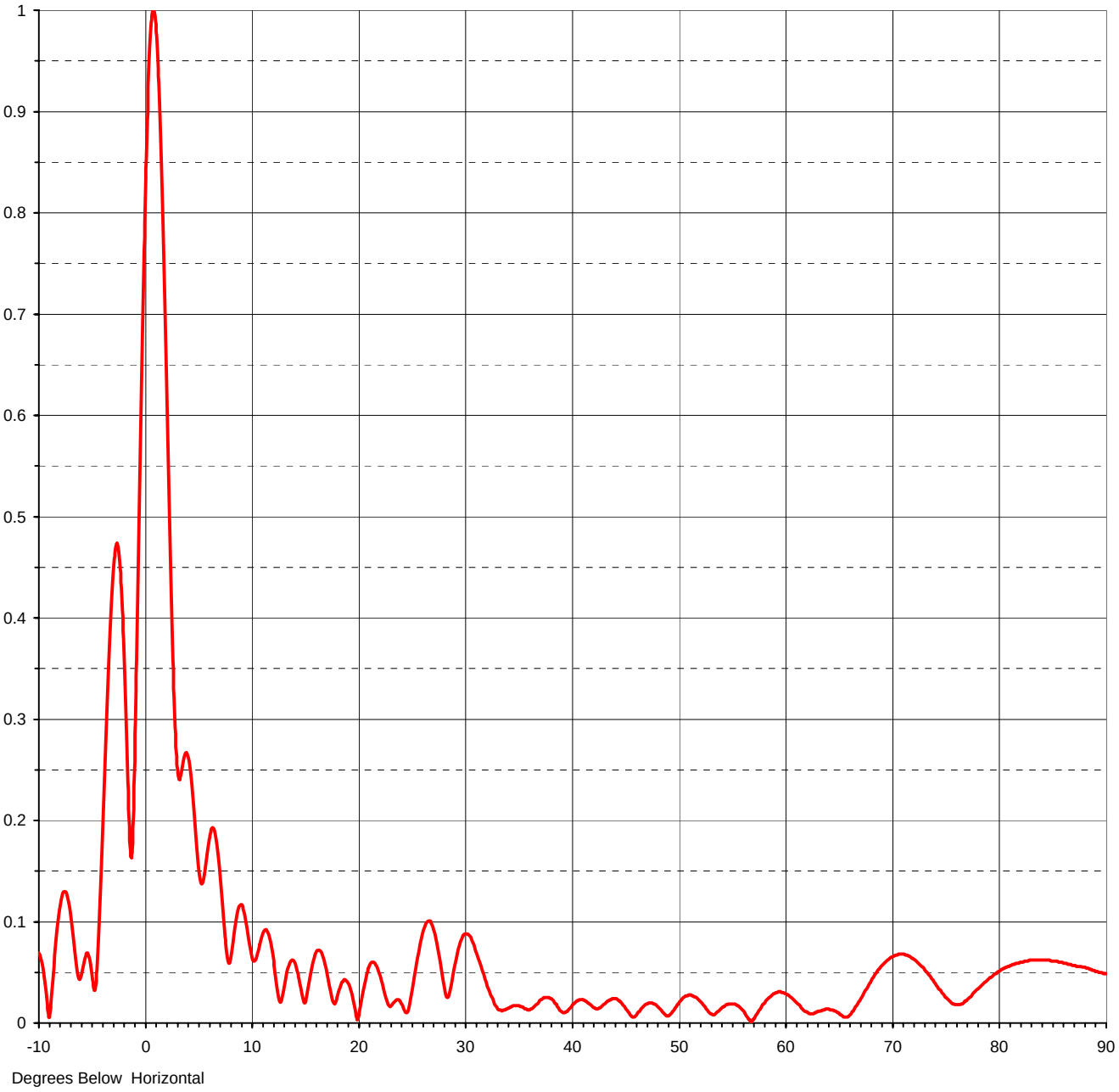
RMS Gain at Main Lobe	**21.88 (13.40 dB)**	Beam Tilt	**0.80 deg**
RMS Gain at Horizontal	**14.10 (11.49 dB)**	Frequency	**563.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**12U219075-B563**



Proposal Number	**DCA-9668**	Revision:	**2**
Date	**20-Dec-01**		**Exhibit FOUR**
Call Letters	**KVWB & KFBT**	Channel	**29**
Location	**Las Vegas, NV**		
Customer	**Sinclair**		
Antenna Type	**TUA-C4-12/48-1-R-T**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**21.88 (13.40 dB)**	Beam Tilt	**0.80 deg**
RMS Gain at Horizontal	**14.10 (11.49 dB)**	Frequency	**563.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**12U219075-B563-90**



Dielectric

Proposal Number	**DCA-9668**	Revision:	**2**
Date	**20-Dec-01**	**Exhibit FIVE**	
Call Letters	**KVWB & KFBT**	Channel	**29**
Location	**Las Vegas, NV**		
Customer	**Sinclair**		
Antenna Type	**TUA-C4-12/48-1-R-T**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12U219075-B563-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.042	2.4	0.372	10.6	0.093	30.5	0.027	51.0	0.003	71.5	0.094
-9.5	0.069	2.6	0.305	10.8	0.088	31.0	0.026	51.5	0.016	72.0	0.081
-9.0	0.065	2.8	0.269	11.0	0.079	31.5	0.030	52.0	0.028	72.5	0.070
-8.5	0.024	3.0	0.262	11.5	0.040	32.0	0.030	52.5	0.036	73.0	0.059
-8.0	0.043	3.2	0.271	12.0	0.030	32.5	0.025	53.0	0.039	73.5	0.049
-7.5	0.104	3.4	0.282	12.5	0.059	33.0	0.021	53.5	0.037	74.0	0.041
-7.0	0.132	3.6	0.286	13.0	0.064	33.5	0.023	54.0	0.030	74.5	0.034
-6.5	0.114	3.8	0.279	13.5	0.042	34.0	0.029	54.5	0.022	75.0	0.030
-6.0	0.067	4.0	0.260	14.0	0.024	34.5	0.032	55.0	0.015	75.5	0.027
-5.5	0.058	4.2	0.233	14.5	0.053	35.0	0.028	55.5	0.015	76.0	0.025
-5.0	0.074	4.4	0.202	15.0	0.073	35.5	0.019	56.0	0.018	76.5	0.025
-4.5	0.047	4.6	0.173	15.5	0.067	36.0	0.013	56.5	0.019	77.0	0.024
-4.0	0.105	4.8	0.154	16.0	0.041	36.5	0.020	57.0	0.016	77.5	0.024
-3.5	0.266	5.0	0.151	16.5	0.022	37.0	0.028	57.5	0.011	78.0	0.024
-3.0	0.421	5.2	0.161	17.0	0.038	37.5	0.029	58.0	0.017	78.5	0.024
-2.8	0.465	5.4	0.177	17.5	0.044	38.0	0.025	58.5	0.033	79.0	0.023
-2.6	0.493	5.6	0.190	18.0	0.029	38.5	0.019	59.0	0.052	79.5	0.023
-2.4	0.501	5.8	0.197	18.5	0.003	39.0	0.020	59.5	0.071	80.0	0.022
-2.2	0.486	6.0	0.194	19.0	0.035	39.5	0.025	60.0	0.087	80.5	0.021
-2.0	0.449	6.2	0.183	19.5	0.057	40.0	0.028	60.5	0.099	81.0	0.020
-1.8	0.390	6.4	0.163	20.0	0.059	40.5	0.026	61.0	0.105	81.5	0.018
-1.6	0.313	6.6	0.136	20.5	0.044	41.0	0.017	61.5	0.105	82.0	0.017
-1.4	0.229	6.8	0.107	21.0	0.024	41.5	0.008	62.0	0.098	82.5	0.016
-1.2	0.171	7.0	0.081	21.5	0.022	42.0	0.013	62.5	0.085	83.0	0.015
-1.0	0.203	7.2	0.066	22.0	0.025	42.5	0.021	63.0	0.067	83.5	0.014
-0.8	0.308	7.4	0.070	22.5	0.015	43.0	0.025	63.5	0.048	84.0	0.013
-0.6	0.438	7.6	0.087	23.0	0.027	43.5	0.022	64.0	0.033	84.5	0.012
-0.4	0.571	7.8	0.104	23.5	0.062	44.0	0.014	64.5	0.039	85.0	0.012
-0.2	0.695	8.0	0.118	24.0	0.092	44.5	0.010	65.0	0.059	85.5	0.011
0.0	0.804	8.2	0.124	24.5	0.105	45.0	0.019	65.5	0.082	86.0	0.010
0.2	0.893	8.4	0.124	25.0	0.097	45.5	0.028	66.0	0.102	86.5	0.010
0.4	0.956	8.6	0.117	25.5	0.068	46.0	0.033	66.5	0.120	87.0	0.009
0.6	0.992	8.8	0.105	26.0	0.032	46.5	0.032	67.0	0.133	87.5	0.009
0.8	1.000	9.0	0.090	26.5	0.040	47.0	0.025	67.5	0.143	88.0	0.008
1.0	0.979	9.2	0.077	27.0	0.074	47.5	0.016	68.0	0.147	88.5	0.008
1.2	0.932	9.4	0.068	27.5	0.098	48.0	0.011	68.5	0.147	89.0	0.008
1.4	0.861	9.6	0.068	28.0	0.105	48.5	0.017	69.0	0.144	89.5	0.008
1.6	0.773	9.8	0.071	28.5	0.099	49.0	0.023	69.5	0.137	90.0	0.007
1.8	0.672	10.0	0.079	29.0	0.081	49.5	0.024	70.0	0.128		
2.0	0.566	10.2	0.088	29.5	0.061	50.0	0.019	70.5	0.118		
2.2	0.463	10.4	0.093	30.0	0.040	50.5	0.010	71.0	0.106		