



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
MODIFICATION OF
CONSTRUCTION PERMIT
BMPCDT-19991021AAO
DTV STATION
WLFL-DT – RALEIGH, NORTH CAROLINA
CHANNEL 57 - 680 kW - 610 m HAAT**

Permittee: WLFL Licensee, LLC

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

WLFL Licensee, LLC, the permittee of DTV station WLFL-DT, channel 57, Raleigh, North Carolina, has authorized this office to prepare this statement, FCC Form 301 and associated exhibits in support of a request for modification of construction permit, BMPCDT-19991021AAO. In accordance with Commission policies, as stated in Public Notice DA 06-1255 (*Notice*)¹, released on June 14, 2006, regarding DTV stations with a tentative channel other than its current DTV channel, the permittee herein submits, prior to the use-it-or-lose-it deadline, the instant application for modification of its construction

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.

permit to specify the paragraph 78 facilities as specified in its recently submitted, pending request for STA modification. The pending request for modification of its current Special Temporary Authorization, BEDSTA-20060105ACZ, was made in accordance with policies set forth in the Commission's *Memorandum Opinion and Order on Reconsideration (MO&O)*², to operate with facilities different from those currently authorized and slightly different from those authorized in WLFL-DT's construction permit, BMPCDT-19991021AAO.

The DTV facilities proposed herein differ from its facilities as authorized in its current construction permit in only one respect. The permittee has determined that while utilizing the currently available DTV transmitter system the maximum ERP that can be achieved is 680 kW. The permittee therefore seeks modification of its construction permit to specify an ERP of 680 kW instead of its currently authorized ERP of 1000 kW.

In order to continue to meet its DTV service commitment, WLFL-DT's permittee herein seeks modification of its construction permit to specify the paragraph 78 facilities as contained in its pending request for modification of STA

PROPOSED TECHNICAL PARAMETERS

Digital station WLFL-DT is authorized to operate with an Effective Radiated Power of 1000 kW at an antenna height above average terrain of 610 meters using an Andrew omni-directional antenna, model AGW-25H3-ETO-57. The permittee has installed a

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

substitute Dielectric omni-directional antenna, model TFU-30GTH-R O4 on its authorized tower at its authorized height above ground of 580 meters. The permittee's currently pending request for modification of STA will permit WLFL-DT to operate at its authorized HAAT of 610 meters with an ERP of 680 kW using the substitute omni-directional antenna. The permittee herein requests modification of its construction permit to specify the substitute omni-directional antenna and to authorize WLFL-DT to operate with 680 kW ERP, instead of its authorized ERP of 1000 kW, at its authorized HAAT of 610 meters. No other change is requested.

The pertinent technical parameters are shown in FCC Form 301. The proposed substitute antenna's elevation pattern and tabulation are shown in the attached exhibits.

ALLOCATION CONSIDERATIONS

Since the instant application for modification of construction permit requests a slight reduction in ERP of currently authorized DTV facilities 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 WLFL-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.

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. 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 26, 2006


John E. Hidle, P.E.

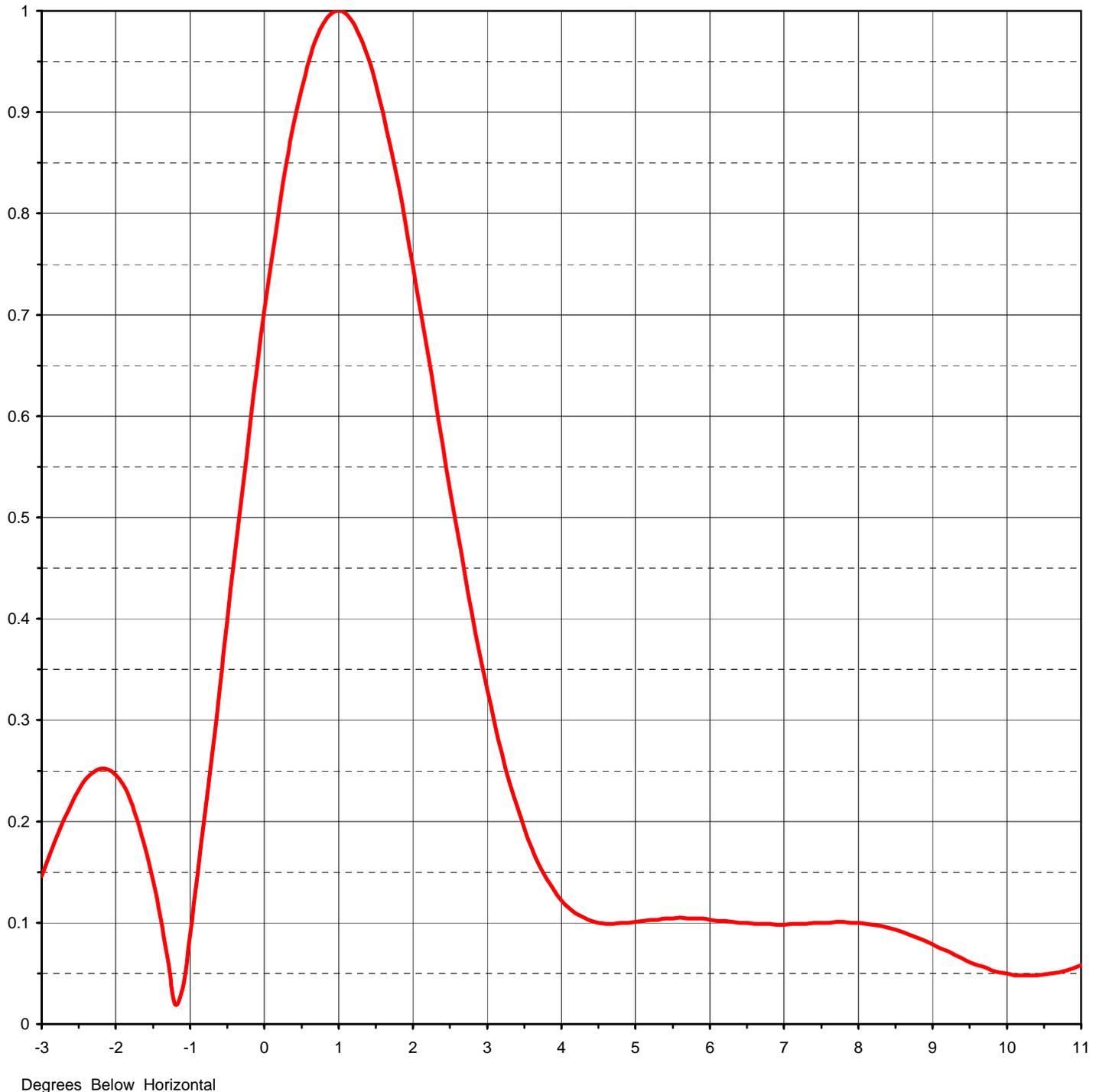




Proposal Number **DCA-9214**
Date **30-Jan-01** **Exhibit ONE**
Call Letters **WLFL-DT** Channel **57**
Location **Raleigh, NC**
Customer **Sinclair**
Antenna Type **TFU-30GTH-R 04**

ELEVATION PATTERN

RMS Gain at Main Lobe	26.00 (14.15 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	12.90 (11.11 dB)	Frequency	731.00 MHz
Calculated / Measured	Calculated	Drawing #	30G260100

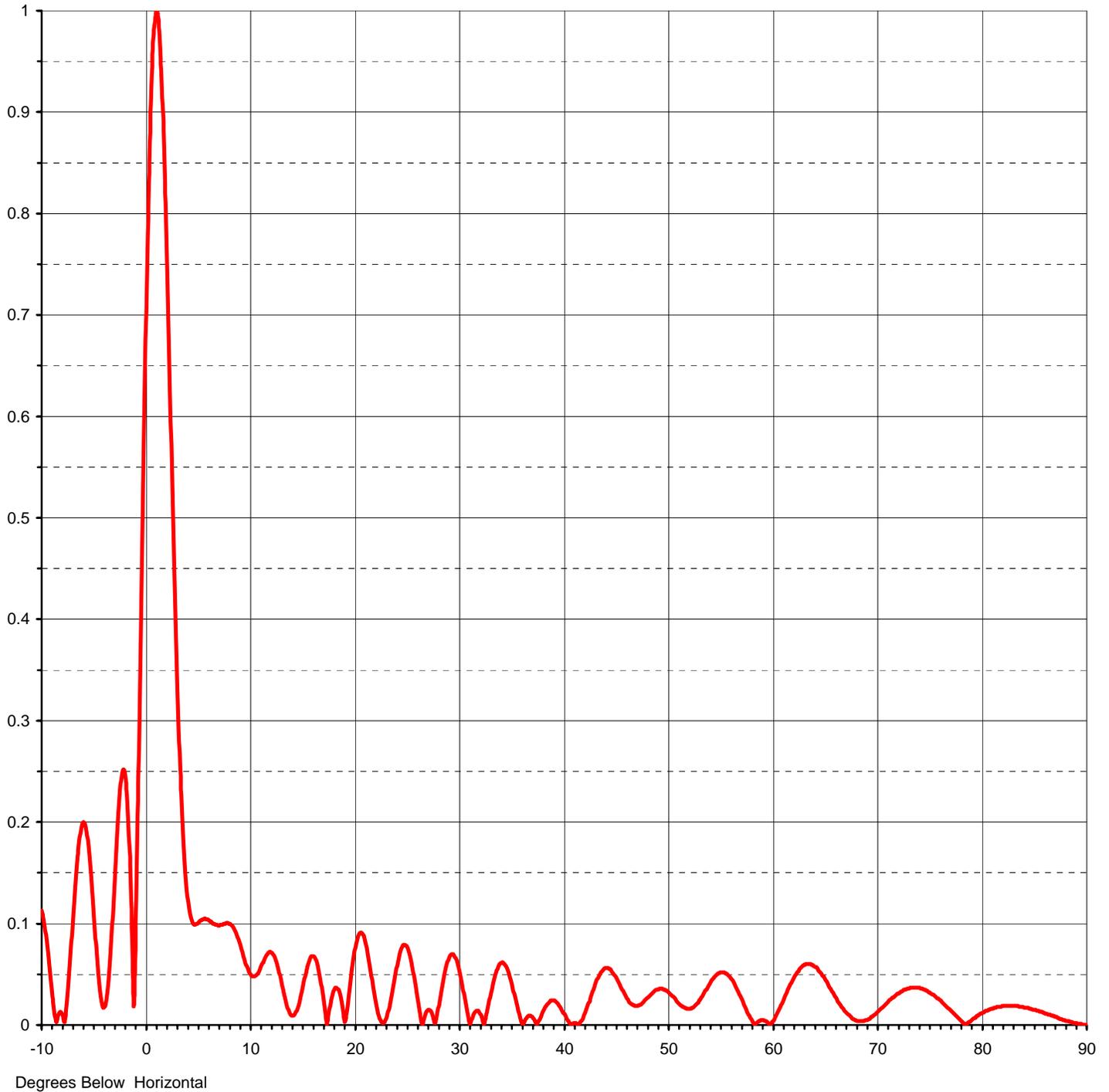




Proposal Number **DCA-9214**
Date **30-Jan-01** **Exhibit TWO**
Call Letters **WLFL-DT** Channel **57**
Location **Raleigh, NC**
Customer **Sinclair**
Antenna Type **TFU-30GTH-R 04**

ELEVATION PATTERN

RMS Gain at Main Lobe	26.00 (14.15 dB)	Beam Tilt	1.00 deg
RMS Gain at Horizontal	12.90 (11.11 dB)	Frequency	731.00 MHz
Calculated / Measured	Calculated	Drawing #	30G260100-90





Proposal Number **DCA-9214**
 Date **30-Jan-01** Exhibit **THREE**
 Call Letters **WLFL-DT** Channel **57**
 Location **Raleigh, NC**
 Customer **Sinclair**
 Antenna Type **TFU-30GTH-R 04**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **30G260100-90**

Angle	Field										
-10.0	0.113	2.4	0.573	10.6	0.049	30.5	0.031	51.0	0.022	71.5	0.027
-9.5	0.081	2.6	0.485	10.8	0.051	31.0	0.004	51.5	0.018	72.0	0.031
-9.0	0.033	2.8	0.404	11.0	0.055	31.5	0.012	52.0	0.016	72.5	0.035
-8.5	0.007	3.0	0.330	11.5	0.067	32.0	0.012	52.5	0.018	73.0	0.036
-8.0	0.009	3.2	0.267	12.0	0.072	32.5	0.003	53.0	0.024	73.5	0.037
-7.5	0.033	3.4	0.215	12.5	0.064	33.0	0.027	53.5	0.032	74.0	0.037
-7.0	0.105	3.6	0.174	13.0	0.044	33.5	0.049	54.0	0.040	74.5	0.035
-6.5	0.172	3.8	0.143	13.5	0.022	34.0	0.061	54.5	0.048	75.0	0.032
-6.0	0.200	4.0	0.122	14.0	0.009	34.5	0.058	55.0	0.052	75.5	0.028
-5.5	0.174	4.2	0.109	14.5	0.014	35.0	0.044	55.5	0.051	76.0	0.024
-5.0	0.108	4.4	0.102	15.0	0.033	35.5	0.023	56.0	0.047	76.5	0.019
-4.5	0.041	4.6	0.099	15.5	0.057	36.0	0.004	56.5	0.038	77.0	0.014
-4.0	0.018	4.8	0.100	16.0	0.068	36.5	0.007	57.0	0.027	77.5	0.009
-3.5	0.057	5.0	0.101	16.5	0.059	37.0	0.008	57.5	0.016	78.0	0.004
-3.0	0.146	5.2	0.103	17.0	0.030	37.5	0.001	58.0	0.006	78.5	0.001
-2.8	0.184	5.4	0.104	17.5	0.007	38.0	0.012	58.5	0.002	79.0	0.005
-2.6	0.217	5.6	0.105	18.0	0.033	38.5	0.021	59.0	0.005	79.5	0.009
-2.4	0.242	5.8	0.104	18.5	0.035	39.0	0.024	59.5	0.003	80.0	0.012
-2.2	0.252	6.0	0.103	19.0	0.010	39.5	0.021	60.0	0.003	80.5	0.014
-2.0	0.246	6.2	0.102	19.5	0.031	40.0	0.012	60.5	0.012	81.0	0.016
-1.8	0.220	6.4	0.100	20.0	0.070	40.5	0.004	61.0	0.023	81.5	0.018
-1.6	0.173	6.6	0.099	20.5	0.090	41.0	0.002	61.5	0.035	82.0	0.019
-1.4	0.105	6.8	0.099	21.0	0.084	41.5	0.001	62.0	0.045	82.5	0.019
-1.2	0.019	7.0	0.098	21.5	0.058	42.0	0.010	62.5	0.053	83.0	0.019
-1.0	0.089	7.2	0.099	22.0	0.026	42.5	0.023	63.0	0.059	83.5	0.018
-0.8	0.207	7.4	0.100	22.5	0.005	43.0	0.038	63.5	0.060	84.0	0.017
-0.6	0.333	7.6	0.100	23.0	0.005	43.5	0.050	64.0	0.058	84.5	0.016
-0.4	0.462	7.8	0.101	23.5	0.025	44.0	0.056	64.5	0.052	85.0	0.015
-0.2	0.588	8.0	0.100	24.0	0.053	44.5	0.055	65.0	0.044	85.5	0.013
0.0	0.704	8.2	0.098	24.5	0.075	45.0	0.048	65.5	0.036	86.0	0.011
0.2	0.806	8.4	0.095	25.0	0.078	45.5	0.038	66.0	0.027	86.5	0.010
0.4	0.890	8.6	0.091	25.5	0.061	46.0	0.028	66.5	0.018	87.0	0.008
0.6	0.951	8.8	0.085	26.0	0.030	46.5	0.021	67.0	0.012	87.5	0.006
0.8	0.988	9.0	0.079	26.5	0.001	47.0	0.019	67.5	0.007	88.0	0.004
1.0	1.000	9.2	0.072	27.0	0.014	47.5	0.021	68.0	0.004	88.5	0.003
1.2	0.988	9.4	0.065	27.5	0.009	48.0	0.026	68.5	0.004	89.0	0.002
1.4	0.953	9.6	0.058	28.0	0.014	48.5	0.031	69.0	0.005	89.5	0.001
1.6	0.899	9.8	0.056	28.5	0.042	49.0	0.035	69.5	0.008	90.0	0.000
1.8	0.830	10.0	0.051	29.0	0.064	49.5	0.036	70.0	0.013		
2.0	0.749	10.2	0.048	29.5	0.070	50.0	0.033	70.5	0.018		
2.2	0.662	10.4	0.048	30.0	0.056	50.5	0.028	71.0	0.023		