## REGISTERED MAIL-RETURN RECEIPT REQUESTED

Ms. Line Perron, Director **Broadcast Applications Engineering Broadcasting Regulatory Branch** Industry Canada Jean Edmonds Tower North 300 Slater Street Ottawa, Ontario, Canada KIA OC8

Dear Ms. Perron:

The Commission is in receipt of a proposal to install a LPTV/Translator station as follows:

1. Applicant: DTV AMERICA CORPORATION

2. File Number: 0000004298 Call Sign: WEKA-LD

3. Channel Number: 27 (DIGITAL)

4. Principal Community to be Served: CANTON, OH.

5. Proposed Transmitter Location: 29 41 13.2 NL

81 41 01.1 WL

6. Effective Radiated Power: 5 kW

7. Transmitting Antenna: DIE/TUA-C3 (DIRECTIONAL)

Orientation: 160 DEGREES

Overall Height Above Ground: 140 meters

Overall Height Above Mean Sea Level: 317.7 meters

8. Average HAAT: 102 meters

9. Digital Emission Mask: Full Service

In view of the proximity of this proposed site to the Canadian-U.S.A. border, your comments are requested.

Sincerely,

Ron Graser Media Bureau, Video Division (202) 418-1600

## **Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	$\mathbf{V}_{\scriptscriptstyle{\mathrm{A}}}$	Degree	$\mathbf{V}_{\scriptscriptstyle{\mathrm{A}}}$	Degree	$\mathbf{V}_{\scriptscriptstyle{\mathrm{A}}}$	Degree	$\mathbf{V}_{\scriptscriptstyle{\mathrm{A}}}$
0	.969	90	1	180	.056	270	.978
10	.960	100	.977	190	.050	280	.942
20	.786	110	.865	200	.073	290	.756
30	.707	120	.710	210	.204	300	.686
40	.854	130	.545	220	.377	310	.849
50	.820	140	.371	230	.540	320	.828
60	.652	150	.189	240	.704	330	.672
70	.752	160	.087	250	.853	340	.770
80	.946	170	.062	260	.954	350	.940

## **Additional Azimuths**

Degree	$\mathbf{V}_{\scriptscriptstyle{\mathrm{A}}}$