

TABLE I
COMPUTED COVERAGE DATA
FOR THE PROPOSED DTV OPERATION OF
WMED-TV, CHANNEL 10, CALAIS, MAINE
JULY 2002

<u>Radial Bearing</u> N ° E, T	<u>Average*</u> Elevation 3.2 to 16.1 km meters	<u>Effective Height</u> meters	<u>Depression Angle</u>	<u>ERP at Radio Horizon</u> kW	<u>Distance to Contour F(50,90)</u>	
					43 dBu Community km	36 dBu Noise-Limited km
0	58.7	143.0	0.331	3.5	60.6	73.0
45	70.4	131.3	0.317	3.5	59.0	71.1
90	53.4	148.3	0.337	3.5	61.2	73.8
135	52.0	149.7	0.339	3.5	61.4	74.0
180	64.9	136.8	0.324	3.5	59.8	72.0
225	73.7	128.0	0.313	3.5	58.6	70.5
270	99.2	102.5	0.280	3.5	55.0	66.1
315	66.6	135.1	0.322	3.5	59.5	71.7
Average	67.4	134.3				

*Based on data from FCC 3-second data base

DTV Channel 10 (192-198 MHz)
Average Elevation 3.2 to 16.1 km 67.4 meters AMSL
Center of Radiation 200.6 meters AMSL
Antenna Height Above Average Terrain 133 meters
Effective Radiated Power 3.5 kW (5.44 dBk) Max.

North Latitude: 45° 01' 45"
West Longitude: 67° 19' 25"

NAD-27