

Figure 4

**INTERFERENCE STUDY
OUTLET BROADCASTING, INC.
STATION WTVT-DT NEW BRITAIN, CONNECTICUT
CHANNEL 35 200 KW (MAX-BT) 457 METERS
*De Minimus Interference Study***

Station	Existing NTSC Service ¹	DTV Service During Transition	NTSC Service Population Replicated By DTV Service	Percentage DTV Interference	Proposed New DTV Interference	Interference Increase	New Population Served	New Percent Loss
NTSC	(Persons)	(Persons)	(Percent)	(Percent)	(Persons)	(Percent)	(Persons)	(Percent)
WSAH(TV), Bridgeport, CT Ch. 43, 2290 kW, 156 m.	2,664,000	N/A	N/A	2.8 ¹	3,254	0.1	2,660,746	2.9
WSBE(TV), Providence, RI Ch. 36, 1230 kW, 182 m.	2,569,000	N/A	N/A	3.2 ¹	85	0.0	2,568,915	3.2
WYBE(TV), Philadelphia, PA Ch. 35, 1910 kW, 284 m.	5,690,000	N/A	N/A	1.6 ¹	649	0.0	5,689,351	1.6
DTV								
WCDC-DT (Allot.), Adams, MA Ch. 36, 50 kW, 637 m.	1,124,000	1,696,000 ¹	150.9	0.0	13,675	0.8	1,682,325	0.8
WCDC-DT (CP), Adams, MA Ch. 36, 200 kW, 631 m.		2,000,683 ²	178.0	0.0	5,031	0.3	1,995,652	0.3
WMHT-DT (Allot.), Schenectady, NY Ch. 34, 156.4 kW, 299 m.	1,155,000	1,188,000 ¹	102.9	0.0	9	0.0	1,187,991	0.0
WNDS-DT (Allot.), Derry, NH Ch. 35, 96.1 kW, 213 m.	3,191,000	3,191,000 ¹	100.0	0.0	0	0.0	3,191,000	0.0
WNJU-DT (Allot.), Linden, NJ Ch. 36, 148.9 kW, 460 m.	16,110,000	16,271,000 ¹	101.0	0.0	756	0.0	16,270,244	0.0
WHPX-DT (Allot.), New London, CT Ch. 34, 116.7 kW, 381 m.	1,723,000	2,417,000 ¹	140.3	0.0	23,465	1.0	2,393,535	1.0

¹Data from Appendix B, DTV Table of Allotments, in *Second Memorandum Opinion and Order on Reconsideration of the Fifth and Sixth Report and Orders*.

²Computed