

**EXHIBIT 6 NARRATIVE**

**Background**

An application (File No. BPTTL-19980529JG) has been pending with the FCC since 1998 to move WTMU-LP (then W32AY) from Channel 32 to Channel 67 due to DTV displacement. An April 24, 2003, letter from Hossein Hashemzadeh requests additional documentation that no interference is likely to three stations: WSHH-TV, Channel 66, Marlborough; W67BA, Channel 67, Dennis; and WBPX, Channel 68, Boston, all Massachusetts.

In addition to providing the requested documentation, this opportunity is being taken to modify slightly other aspects of the pending application. Specifically, the geographic coordinates and antenna heights are being modified to match the current tower registration information; a similar antenna by a different manufacturer is being substituted, and additional electrical beam tilt is being added, which results in reduced ERP toward the radio horizon.

**Allocation Conditions**

Operation of the LPTV station as proposed meets the FCC's protection requirements for all licensed, permitted, proposed, and allotted NTSC, DTV, and low-power stations, as these stations are found to appear in the CDBS, except for three. Contour overlap exists with Stations WSHH-TV, Channel 66, Marlborough, W67BA, Channel 67, Dennis, and WBPX(TV), Channel 68, Boston, all Massachusetts.

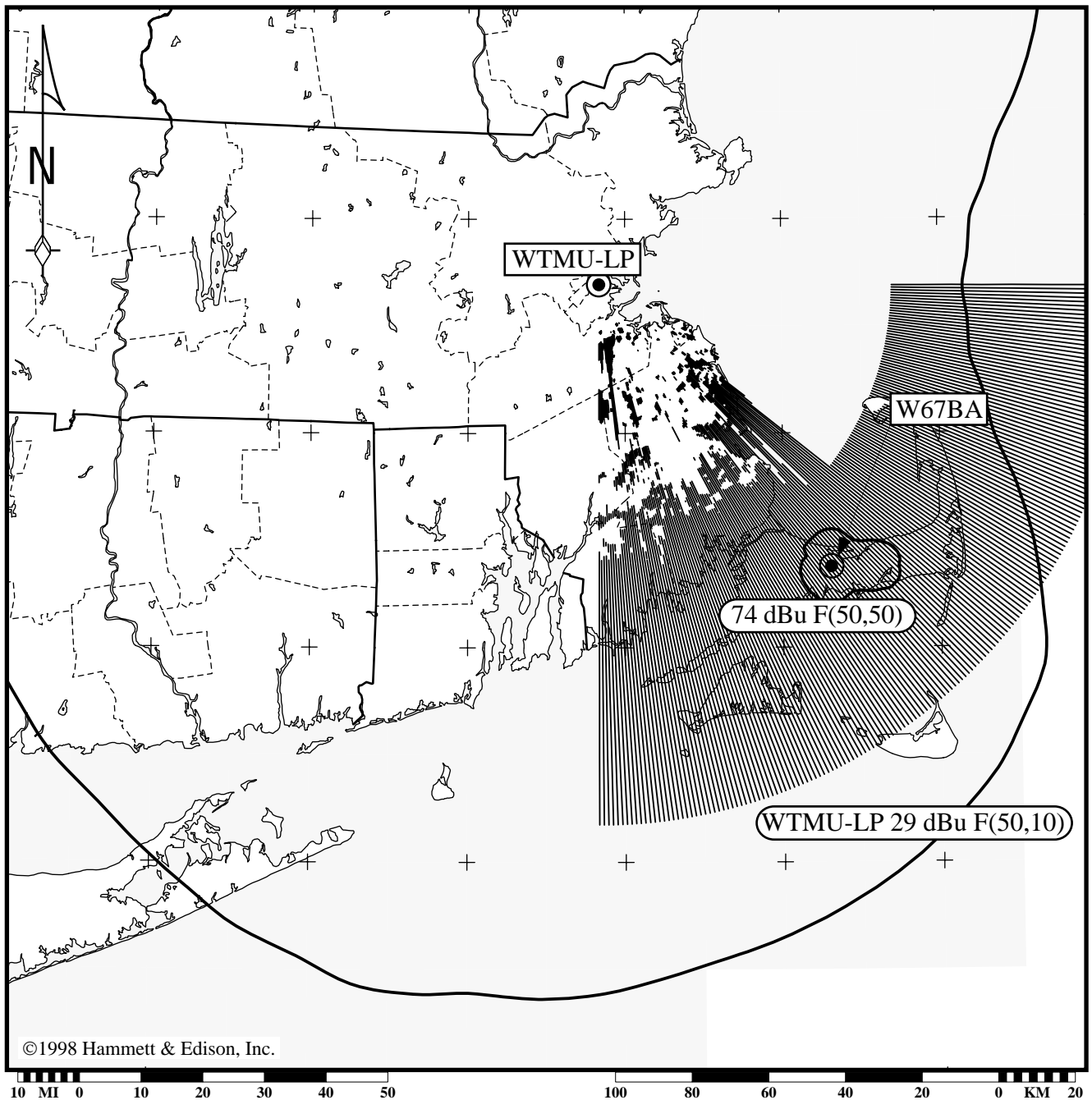
To demonstrate protection of LPTV Station W67BA, Figure 1 shows the extent of terrain shadowing between that station's coverage area and the proposed site, demonstrating that no such interference is likely to be caused. Waiver of Section 74.707(d)(1) is respectfully requested, pursuant to Section 74.707(e).

To demonstrate protection of Stations WSHH-TV and WBPX(TV), the Longley-Rice terrain dependent propagation method is used in accordance with OET Bulletin No. 69. The results of that analysis are given in Figure 2, and show that no unique (unmasked) interference is predicted to either station. Waiver of Section 74.705(d)(4) is respectfully requested, pursuant to Section 74.705(e).



LPTV Station WTMU-LP • Channel N67 • Boston, Massachusetts

Map Showing Terrain Shadowing Toward  
LPTV Station W67BA, Dennis, Massachusetts



Shadowing based upon 30-second NGDC digitized terrain data and  $4/3$ -earth curvature. Map data taken from Sectional Aeronautical Charts, published by the National Ocean Survey. Geographic coordinate marks shown at 60-minute increments.



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

030514  
Exhibit 6, Figure 1

# LPTV Station WTMU-LP • Channel N67 • Boston, Massachusetts

## Results of OET-69 Calculations

Interference analysis  
tvixstudy\_new 2.4b3.1

### Station parameters:

	--Modified-----	--Original-----
Station:	N67-L WTMU-LP APP	N67-L WTMU-LP APP
City:	BOSTON, MA	BOSTON, MA
Coordinates:	N 42-20-49.6	N 42-20-50.0
	W 71-04-58.8	W 71-04-59.0
Height AMSL:	242.6 m	242.0 m
Maximum ERP:	49.9 kW	48.8 kW
Azimuth pattern:	17722.apat	AND-16567_ALP16L4-
Orientation:	270.0	270.0
Elevation pattern:	OET-69 generic	OET-69 generic
Service level:	76.2 dBu	76.2 dBu

Protected station		Base Pop	IX Change	%Base	Unique IX
N52+ WEKW-TV LIC	KEENE, NH	277,409	4,385	1.6	0
N53z WEDN CP	NORWICH, CT	1,464,344	147,013	10.0	0
N53z WEDN LIC	NORWICH, CT	1,576,347	232,088	14.7	0
N66z WUTF LIC	MARLBOROUGH, MA	6,100,891	560,106	9.2	0
N67- 890629KE APP	ILION, NY	94,273	0	0.0	0
N67z WFTY LIC	SMITHTOWN, NY	3,464,295	389,815	11.3	0
N68+ WBPX LIC	BOSTON, MA	4,878,530	502,288	10.3	0

### Note:

The results of the OET-69 algorithm are dependent on the use of computer databases and complex software algorithms, which may vary between computer platforms and installations. Also, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods changes from time to time. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.

