

TECHNICAL SUMMARY
APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT
LPTV TELEVISION STATION WYTU-LD
MILWAUKEE, WISCONSIN
CHANNEL 16 7 KW (MAX-DA) 503.8 M AMSL

1. The instant application is for a modification of the construction permit for WYTU-LD, Milwaukee, WI (Facility ID 168618, FCC File No. 0000054829). By means of this application, the antenna make and model are changed as follows:

- a. Antenna Make: ATC
- b. Antenna Model: ATC-BCH616CM-16

2. Due to the difference in antenna design type and slight change in the elevation pattern, it is necessary to change the mechanical beam tilt to 1.9°. The maximum effective radiated power was changed to 7 kW to help compensate for the change in required mechanical beam tilt.

3. As demonstrated in the *TVStudy* analysis exhibit, the proposed facility is fully compliant with the FCC's interference protection requirements. A higher resolution cell size of 0.5 km with a higher resolution terrain profile point spacing of 0.15 km is requested for processing.