

National Public Radio, Washington, D.C.

DTV Channel 6 to FM D/U Ratio Study

New Haven, Connecticut Area Study
Station list and Technical Parameters

Channel 6 DTV Station

WBNE-DT, New Haven, Connecticut

1.0 kW ERP, as allotted by FCC

FCC Replication azimuth pattern, elevation pattern of Figure 2

Radiation center 314 meters HAAT, FCC allotment site.

FM Stations*

WNHU(FM), 88.7 MHz, West Haven, Connecticut

1.7 kW ERP, 49 meters HAAT, nondirectional (as permitted)

D/U Ratios; -27, -14, and 0 dB

WPKN, 89.5 MHz, Bridgeport, Connecticut

10 kW ERP, 169 meters HAAT, directional (as licensed)

D/U Ratios; -27, -23, and -3 dB

WPKT, 90.5 MHz, Meridan, Connecticut

18.5 kW ERP, 251 meters HAAT, directional (as licensed)

D/U Ratios; -36 and -8 dB

* Directional transmitting antenna azimuth pattern, if any, taken from FCC database. Unity elevation pattern assumed. FCC-authorized transmitting locations.

