

FIGURE 2-B LONGLEY-RICE

CITY GRADE SERVICE TO BRISTOL village, VERMONT

C3 Upgrade-Mod

Latitude: 44-24-23 N
Longitude: 073-08-13 W
ERP: 8.70 kW
Channel: 248
Frequency: 97.5 MHz
HAAT: 157.66 m
AMSL Height: 292.0 m
Elevation: 259.1 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

Bristol village boundary

Locations with 72 dBu
2.35 sq.km = 85.5%
of city boundary

Longley-Rice
72 dBu

Delta H = 395 m
N-171.5-E

