

PROPOSED:

Service: FM
38 40 59.9 N
83 0 45.3 W
Ch.294A (106.7 MHz)
ERP: 2 kW
Ant.: OMNI
Hgt.AGL: 88.7 m
Hgt.AMSL: 411.9 m
HAAT: 176.2 m
ASR: 1250086
RX height: 10 m
Ground dielectric (eps): 15
Conductivity (sgm): 0.005
Climate (klimx): Cont. Temp.
Surface refractivity (en0): 301
Mdvax: 3
Zsys: 0
XI: 0.1 km
DEM: 3-SEC terrain

WPAY-FM PROP
Ch.294A 106.7MHz
70 dBu F(50,50)

Garrison, KY

Longley-Rice 70 dBu mean
occurrence contour.

Distances to 70 dBu contours along 238 degree
radial over Garrison, KY:
FCC (50,50) curve: 17.5 km
Longley-Rice: 25.75 km
Difference: 8.25 km (+ 47%)

WPAY-FM GARRISON, KY Proposed Channel 294A (106.7 MHz)
FOWLER MEDIA - MINOR MODIFICATION

Community of license coverage of Garrison, Kentucky demonstrated using predicted Longley-Rice
irregular terrain model (ITM) method 70 dBu contour.

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0 2.75 5.5 11 Kilometers