

PROPOSED WJJA-DT INTERFERENCE FREE SERVICE

D. L. Markley & Associates, Inc. Population Report

Population Database: 2000 US Census (SF1)

Transmitter Information:

Call Letters: WJJA-DT
File Number: BLCT19900518KP
Latitude: 42-51-18 N
Longitude: 087-50-41 W
ERP: 62.00 kW
Channel: 49
Frequency: 683.0 MHz
AMSL Height: 346.0 m
Elevation: 213.0 m
HAAT: 149.0 m
Horiz. Antenna Pattern: Directional
Vert. Elevation Pattern: Yes
Electrical Beam Tilt: 0.75
Propagation Model: Longley/Rice
Climate: Continental temperate
Conductivity: 0.0050
Dielectric Constant: 15.0
Refractivity: 311.0
Receiver Height AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 90.0%
Situation Variability: 50.0%
ITM Mode: Broadcast

Population report for WJJA-DT. Field strength above 41.91 db uV/m.

Total Population: 2,867,430

Total Housing Units: 1,127,433

Breakdown:

White:	2,186,502
Black:	309,943
Hispanic:	246,982
Native American:	9,286
Asian:	76,452
Pacific Islander:	873
Mixed Race:	34,025
Other:	3,367