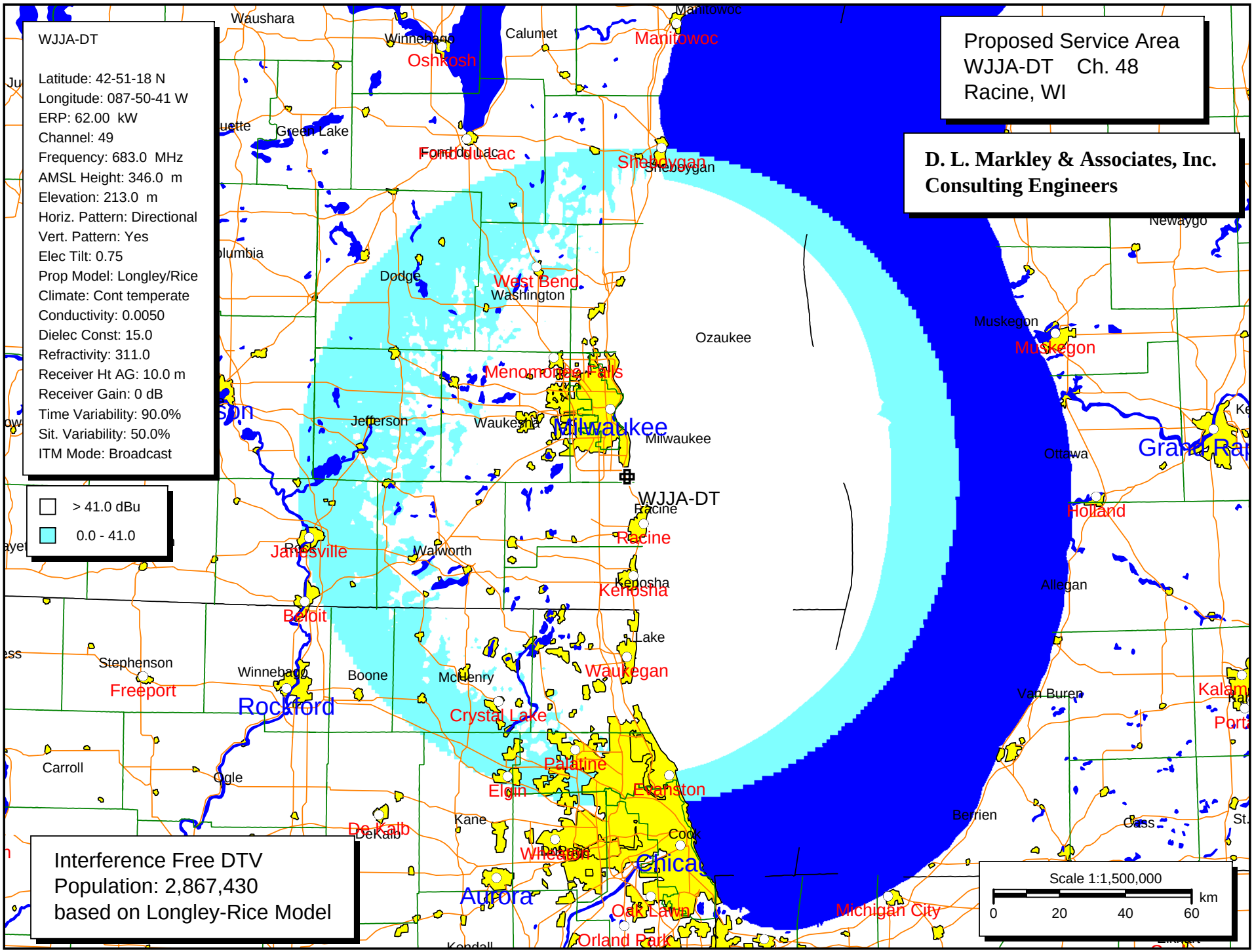

WJJA-DT
Latitude: 42-51-18 N
Longitude: 087-50-41 W
ERP: 62.00 kW
Channel: 49
Frequency: 683.0 MHz
AMSL Height: 346.0 m
Elevation: 213.0 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.75
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 90.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast
> 41.0 dBu
0.0 - 41.0
Proposed Service Area
WJJA-DT Ch. 48
Racine, WI
D. L. Markley & Associates, Inc.
Consulting Engineers
Interference Free DTV
Population: 2,867,430
based on Longley-Rice Model
Scale 1:1,500,000
0 20 40 60 km
WJJA-DT
Racine
Milwaukee
Waukesha
Ozaukee
Washington
Dodge
Jefferson
Walworth
Kenosha
Lake
Cook
Kane
McHenry
Boone
Winnebago
Stephenson
Carroll
Ogle
DeKalb
Rock
Green Lake
Calumet
Manitowoc
Sheboygan
Fond du Lac
Oshkosh
Waushara
Columbia
Muskegon
Ottawa
Allegan
Van Buren
Berrien
Cass
Newaygo
Chicago
Aurora
Elgin
Crystal Lake
Waukegan
Rockford
Freeport
Beloit
Janesville
Palatine
Evanston
Oak Lawn
Orland Park
Michigan City
Grand Rapids
Holland
Menomonee Falls
West Bend