

Protection of WXXM 221A Sun Prairie, WI and WJQM 226A De Forest, WI

- W224EG.A (224)
- WXXM (221)
- WJQM (226)

W224EG.A - 92.7 MHz
CH224D - FACID:200994
Madison, WI
File:Proposed
Single Bay Nicom BKG-77
Lat: 43-10-09.90 N
Long: 089-15-38.40 W
ERP: 0.25 kW HAAT: 123.25
RCAMSL: 404.0 m

WXXM - 92.1 MHz
CH221A - FACID:17383
Sun Prairie, WI
File:BLH20040625AAW
Ihm Licenses, LLC
Lat: 43-10-10 N
Long: 089-15-38.40 W
ERP: 3.70 kW HAAT: 125.0
RCAMSL: 405.0 m

WJQM - 93.1 MHz
CH226A - FACID:78226
De Forest, WI
File:BMLH20070802ADL
Mid-West Management, Inc.
Lat: 43-09-34 N
Long: 089-12-55.40 W
ERP: 6.00 kW HAAT: 98.0
RCAMSL: 378.0 m

Proposed Translator Site

94.39 dBu

W224EG.A
WXXM

WJQM

Desired to Undesired (D/U) Signal Analysis

WXXM is Colocated with the proposed translator antenna. The WXXM signal strength at the proposed antenna is 162.81 dBu. The WXXM signal at the proposed site is 94.39 dBu. The distance to the 134.39 Interfering contour is 21.15 meters. The proposed antenna has its center 108 meters above ground level. The interfering signal will come no closer than 86 meters of ground level. There are no tall occupied structures in close proximity to the tower proposed. No interference to either WXXN or WJQM will occur.

