

**MINOR CHANGE APPLICATION**  
**J.F. BROADCASTING, LLC**  
**KWSD-DT TELEVISION STATION**  
**CH 36 - 602-608 MHZ - 400.0 KW (DA)**  
**SIOUX FALLS, SOUTH DAKOTA**  
**February 2010**

**EXHIBIT B**

**Outgoing Interference Population Report**

Outgoing Interference Population Report

KWSD-D (Channel 36) Sioux Falls, South Dakota  
Broadcast Type: Digital Service: T  
Lat: 43-30-19 N Lng: 096-34-19 W ERP: 400.0 kW AMSL: 658.0 m  
TV Outgoing Interference Study  
Signal Resolution: 1.0 km  
Consider NTSC Taboo: Yes  
KWX error points are considered to be interference free coverage.  
Default # of radials computed for contours: 72  
Contours calculated using 8 radial HAAT.  
LR Profile Spacing Increment: 0.1 km  
Masked interference points are being counted as interference free.  
Pop Centroid DB: 2000 US Census (SF1)

Study Date: 2/8/2010  
TV Database Date: 2/6/2010

Primary Terrain: V-Soft 3 Second US Terrain  
Secondary Terrain: V-Soft 30 Second US Database

Population Database: 2000 US Census (SF1)

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Stations Considered:

Call Letters	City	State	Dist	Bear
KSAXDR-D.P (36)	Alexandria	MN	267.8	23.9
KAAL-D.A (36)	Austin	MN	327.1	85.9
KAAL-D.A (36)	Austin	MN	327.1	85.9
KAAL-D.C (36)	Austin	MN	327.1	85.9
KHGI-D (36)	KEARNEY	NE	368.9	211.8

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
KSAXDR-D.P (36)	0.9	0	459,249	70	0	0.0
KAAL-D.A (36)	0.0	0	494,698	0	0	0.0
KAAL-D.A (36)	0.0	0	494,698	0	0	0.0
KAAL-D.C (36)	0.0	0	562,892	1,217	0	0.0
KHGI-D (36)	0.9	0	227,163	0	0	0.0

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