

## Outgoing Interference Population Report

FREE(34) (34) Wichita, KS

Broadcast Type: Digital Service: G [Full Service Emission Mask]

Lat: 37-48-00.66 N Lng: 097-31-29.04 W ERP: 8.0 kW AMSL: 700.7 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: 1.0 km

Masked interference points are being counted  
as interference free.

Using LPTV/translator D/U rules.

Pop Centroid DB: 2000 US Census (SF1)

Study Date: 7/3/2017

TV Database Date: 7/3/2017

Primary Terrain: NED 3 Second US Terrain

Population Database: 2000 US Census (SF1)

-----  
Stations Considered:

| Call Letters    | City        | State | Dist  | Azi   |
|-----------------|-------------|-------|-------|-------|
| K34MU-D. C (34) | Solomon     | KS    | 126.1 | 6.0   |
| K34MR-D. C (34) | Wakeeney    | KS    | 248.7 | 305.3 |
| K34LZ-D. C (34) | Fort Riley  | KS    | 158.6 | 27.5  |
| KMTW-D (35)     | Hutchinson  | KS    | 15.5  | 4.3   |
| WDAF-TV (34)    | Kansas City | MO    | 292.1 | 60.2  |
| KOMI-CD (34)    | Woodward    | OK    | 240.7 | 225.8 |
| K34IN-D (34)    | Beaver      | OK    | 288.5 | 248.6 |
| K34JK-D (34)    | Elk City    | OK    | 312.8 | 210.5 |
| KMYT-TV-A (34)  | Tulsa       | OK    | 256.5 | 139.6 |

| Call            | Area | HUnits | Contour   | Masked Ix | Unmasked Ix | %    |
|-----------------|------|--------|-----------|-----------|-------------|------|
| K34MU-D. C (34) | 0.0  | 0      | 11,510    | 0         | 0           | 0.00 |
| K34MR-D. C (34) | 0.0  | 0      | 4,105     | 0         | 0           | 0.00 |
| K34LZ-D. C (34) | 0.0  | 0      | 95,958    | 0         | 0           | 0.00 |
| KMTW-D (35)     | 0.0  | 0      | 709,512   | 0         | 0           | 0.00 |
| WDAF-TV (34)    | 0.0  | 0      | 2,307,582 | 0         | 0           | 0.00 |
| KOMI-CD (34)    | 0.0  | 0      | 27,175    | 0         | 0           | 0.00 |
| K34IN-D (34)    | 0.0  | 0      | 4,226     | 0         | 0           | 0.00 |
| K34JK-D (34)    | 0.0  | 0      | 21,745    | 0         | 0           | 0.00 |
| KMYT-TV-A (34)  | 0.0  | 0      | 1,206,551 | 0         | 0           | 0.00 |

-----  
Housing Units Population