

PROPOSED LPTV (45) Outgoing Interference.txt
Outgoing Interference Population Report

NEW LPTV (45)

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

Lat: 39-45-48 N Lng: 121-37-24 W ERP: 15.0 kW AMSL: 552.38 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

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, Housing)

Study Date: 8/23/2009

TV Database Date: 8/21/2009

Primary Terrain: V-Soft 3 Second US Terrain

Population Database: 2000 US Census (SF1, Housing)

Stations Considered:

| Call Letters | City | State | Dist | Bear |
|-------------------|------------------|-------|-------|-------|
| K27GZ-D. C (45) | Mariposa | CA | 283.9 | 150.2 |
| K45DS (45N) | Freshwater, Etc. | CA | 243.0 | 299.2 |
| K45DS-D. C (45) | Freshwater, Etc. | CA | 243.0 | 299.2 |
| KBCW-D (45) | San Francisco | CA | 234.2 | 198.2 |
| KBCW-D. C (45) | San Francisco | CA | 234.2 | 198.2 |
| K45GZ (45+) | Dayton | NV | 194.7 | 108.1 |
| K45GZ. A (45+) | Dayton | NV | 194.7 | 108.1 |
| K45HC (45+) | Sacramento | CA | 166.7 | 176.0 |
| K45HC-D. C (45) | Sacramento | CA | 166.7 | 176.0 |
| KQCA-D (46) | Stockton | CA | 166.7 | 176.0 |
| KRNS-CA-D. C (46) | Reno | NV | 157.7 | 107.9 |
| KRXI-TV-D. A (44) | Reno | NV | 146.8 | 97.0 |

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|--------------------|---------------------|----|---------------------------|-------|
| KRXI-TV-D (44) | Reno | NV | 146.8 | 97.0 |
| KRXI-TV-D. A (44) | Reno | NV | 146.8 | 97.0 |
| KRXI-TV-D. A (44) | Reno | NV | 146.8 | 97.0 |
| K45AH (45N) | Uki ah | CA | 145.4 | 240.9 |
| K46HI-D. C (46) | Reddi ng | CA | 125.0 | 322.6 |
| K46HI (46Z) | Reddi ng | CA | 125.0 | 322.6 |
| K46HL (46N) | Susanvill e | CA | 118.2 | 70.2 |
| K45IV. C (45+) | Reddi ng | CA | 110.7 | 329.9 |
| KRDT-CA (47Z) | Reddi ng | CA | 70.2 | 337.0 |
| K48KB (48Z) | Chi co | CA | 37.1 | 266.9 |
| K42HL. A (42+) | Orovi lle/paradi se | CA | 18.6 | 131.9 |
| K42HL (42+) | Orovi lle | CA | 18.6 | 131.9 |
| K49CT (49N) | Paradi se | CA | 18.6 | 131.9 |
| K47LO. C (47+) | Chi co | CA | 14.4 | 256.5 |
| K42HJ. C (42+) | Chi co | CA | 14.3 | 256.6 |
| KSGO-LP. A (38Z) | Chi co | CA | 7.7 | 46.0 |

| Call | Area | HUnits | Contour | Masked Ix | Unmasked Ix | % |
|-------------------|------|--------|-----------|-----------|-------------|-----|
| K27GZ-D. C (45) | 0.0 | 0 | 190,064 | 0 | 0 | 0.0 |
| K45DS (45N) | 0.0 | 0 | 18,215 | 0 | 0 | 0.0 |
| K45DS-D. C (45) | 0.0 | 0 | 53,071 | 0 | 0 | 0.0 |
| KBCW-D (45) | 2.9 | 0 | 6,769,614 | 5,325 | 0 | 0.0 |
| KBCW-D. C (45) | 18.2 | 0 | 7,555,773 | 51,296 | 0 | 0.0 |
| K45GZ (45+) | 0.0 | 0 | 0 | 0 | 0 | 0.0 |
| K45GZ. A (45+) | 0.0 | 0 | 0 | 0 | 0 | 0.0 |
| K45HC (45+) | 0.0 | 0 | 481,517 | 0 | 0 | 0.0 |
| K45HC-D. C (45) | 0.0 | 0 | 1,287,484 | 0 | 0 | 0.0 |
| KQCA-D (46) | 19.9 | 0 | 9,037,502 | 0 | 0 | 0.0 |
| KRNS-CA-D. C (46) | 0.0 | 0 | 535,482 | 0 | 0 | 0.0 |
| KRXI-TV-D. A (44) | 0.0 | 0 | 740,776 | 0 | 0 | 0.0 |
| KRXI-TV-D (44) | 0.0 | 0 | 603,075 | 0 | 0 | 0.0 |
| KRXI-TV-D. A (44) | 0.0 | 0 | 575,887 | 0 | 0 | 0.0 |
| KRXI-TV-D. A (44) | 0.0 | 0 | 575,887 | 0 | 0 | 0.0 |
| K45AH (45N) | 0.0 | 0 | 32,846 | 0 | 0 | 0.0 |
| K46HI-D. C (46) | 0.0 | 0 | 138,669 | 0 | 0 | 0.0 |
| K46HI (46Z) | 0.0 | 0 | 103,139 | 0 | 0 | 0.0 |
| K46HL (46N) | 0.0 | 0 | 848 | 0 | 0 | 0.0 |
| K45IV. C (45+) | 0.0 | 0 | 123,579 | 0 | 0 | 0.0 |
| KRDT-CA (47Z) | 0.0 | 0 | 124,303 | 0 | 0 | 0.0 |
| K48KB (48Z) | 0.0 | 0 | 7,312 | 0 | 0 | 0.0 |
| K42HL. A (42+) | 0.0 | 0 | 96,831 | 0 | 0 | 0.0 |

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|-----------------|----------|-----------|---------------------------|---|-----|
| K42HL (42+) | 0.0 | 0 | 96,831 | 0 | 0.0 |
| K49CT (49N) | 0.0 | 0 | 6,710 | 0 | 0.0 |
| K47LO.C (47+) | 0.0 | 0 | 85,387 | 0 | 0.0 |
| K42HJ.C (42+) | 0.0 | 0 | 94,943 | 0 | 0.0 |
| KSG0-LP.A (38Z) | 0.0 | 0 | 192,978 | 0 | 0.0 |