

Outgoing Interference Population Report

Prop50 (50) Columbia, MO - BNPDTL20100423ACD
 Broadcast Type: Digital Service: G [Stringent Emission Mask]
 Lat: 38-57-18 N Lng: 092-16-20 W ERP: 1.0 kW AMSL: 301.0 m
 TV Outgoing Interference Study
 Signal Resolution: 0.5 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.
 Using LPTV/translator D/U rules.
 Pop Centroid DB: 2010 US Census (PL)

Study Date: 6/12/2012
 TV Database Date: 6/5/2012

Primary Terrain: V-Soft 3 Second US Terrain

Population Database: 2010 US Census (PL)

----- Stations Considered:

Call Letters	City	State	Dist	Azi
KNWA-TV-D (50)	Rogers	AR	318.7	208.3
K50MM-D.C (50)	Jonesboro	AR	342.2	159.5
WOI-DT (50)	Ames	IA	314.2	338.9
W50DD (50-)	Peoria	IL	292.2	51.6
WEIU-TV-D (50)	Charleston	IL	348.9	77.5
W50CH-D.C (50)	Alton	IL	187.9	90.5
W50CH (50+)	Alton	IL	187.9	90.5
KRBK-D.C (49)	Osage Beach	MO	162.4	213.0
KRBK-D (49)	Osage Beach	MO	132.7	198.4
KPXE-TV-D (51)	Kansas City	MO	194.3	272.9
1262946-D.A (51)	Columbia	MO	25.0	101.9
KQFX-LD-D.A (51)	Columbia	MO	18.3	186.3
KNWA-D (50)	ROGERS	AR	318.7	208.3
WEIU-D (50)	CHARLESTON	IL	348.9	77.5
KRBK-D (49)	OSAGE BEACH	MO	132.7	198.4
KPXE-D (51)	KANSAS CITY	MO	194.3	272.9
KRBK-D	Osage Beach	MO	160.1	213.8

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
KNWA-TV-D (50)	0.0	0	831,535	0	0	0.00
K50MM-D.C (50)	0.0	0	164,630	0	0	0.00
WOI-DT (50)	0.0	0	555,039	0	0	0.00

W50DD (50-)	0.0	0	215,800	0	0	0.00
WEIU-TV-D (50)	0.0	0	456,686	0	0	0.00
W50CH-D.C (50)	0.0	0	1,119,109	0	0	0.00
W50CH (50+)	0.0	0	106,631	0	0	0.00
KRBK-D.C (49)	0.0	0	657,628	0	0	0.00
KRBK-D (49)	0.0	0	120,548	0	0	0.00
KPXE-TV-D (51)	0.0	0	2,379,509	0	0	0.00
1262946-D.A (51)	14.5	1,806	276,403	64,007	4,198	1.52
KQFX-LD-D.A (51)	1.7	0	324,562	33	0	0.00
KNWA-D (50)	0.0	0	830,864	0	0	0.00
WEIU-D (50)	0.0	0	456,249	0	0	0.00
KRBK-D (49)	0.0	0	591,072	0	0	0.00
KPXE-D (51)	0.0	0	2,379,509	0	0	0.00
KRBK-D	0.0	0	1,024,710	0	0	0.00