

Smith and Fisher Population Report

KSWB-D.A (19) San Diego, CA
TV Incoming Interference Study
Signal Resolution: 1 km
Consider NTSC Taboo: No
KWX error points are considered to
be interference free coverage.
of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 0.1 km
Interference considered within the
reference station's noise limited contour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 39.254

Study Date: 2/7/2002
TV Database Date: 02-06-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 3,129,823.

Stations considered which do not cause interference:

PROPOSED K65EY (19-)

Totals for KSWB-D.A (19)

Calculation Area Population:	3,290,786	(35376.5 sq. km)
Not Affected by Terrain Loss:	3,129,823	(0.0 sq. km)
Total NTSC Interference:	0	(0.0 sq. km)
DTV Only Interference:	0	(-29879.3 sq. km)
Total DTV Interference:	0	(0.0 sq. km)
Interfered Population:	0	(-29879.3 sq. km)
Interference Free:	3,129,823	(29879.3 sq. km)
Percent Interference:	0.00	

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PROPOSED LPTV (19N) Victorville, CA
 TV Incoming Interference Study
 Signal Resolution: 1 km
 Consider NTSC Taboo: No
 KWX error points are considered to
 be interference free coverage.
 # of radials computed for contours: 72
 Contours calculated using 8 radial HAAT.
 LR Profile Spacing Increment: 0.1 km
 Interference considered within the
 reference station's 74 dBu FCC countour.
 Using NTSC lptv/translators D/U rules.
 Threshold for reception: 74.0

Study Date: 2/7/2002
 TV Database Date: 02-06-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 203,695.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
PROPOSED K65EY(19-)	0	335	0.164	109.41

 Totals for PROPOSED LPTV (19N)

Calculation Area Population:	205,737	(	1606.9 sq. km)
Not Affected by Terrain Loss:	203,695	(	1536.7 sq. km)
Total NTSC Interference:	335	(	109.4 sq. km)
DTV Only Interference:	0	(	-0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	335	(109.4 sq. km)
Interference Free:	203,360	(1427.2 sq. km)
Percent Interference:	0.16		

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K19CL (19+) Inyokern, CA
TV Incoming Interference Study
Signal Resolution: 1 km
Consider NTSC Taboo: No
KWX error points are considered to
be interference free coverage.
of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 0.1 km
Interference considered within the
reference station's 74 dBu FCC countour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 74.0

Study Date: 3/2/2002
TV Database Date: 02-20-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 21,696.

Stations considered which do not cause interference:

PROPOSED K65EY (19-)

Totals for K19CL (19+)

Calculation Area Population:	26,060	(	202.6 sq. km)
Not Affected by Terrain Loss:	21,696	(	184.8 sq. km)
Total NTSC Interference:	0	(	0.0 sq. km)
DTV Only Interference:	0	(	0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	0	(0.0 sq. km)
Interference Free:	21,696	(184.8 sq. km)
Percent Interference:	0.00		

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KCOYTV-D (19) SANTA MARIA, CA
TV Incoming Interference Study
Signal Resolution: 1 km
Consider NTSC Taboo: No
KWX error points are considered to
be interference free coverage.
of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 0.1 km
Interference considered within the
reference station's noise limited contour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 39.254

Study Date: 2/7/2002
TV Database Date: 02-06-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 420,907.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
PROPOSED K65EY (19-)	0	1421	0.338	286.28

Totals for KCOYTV-D (19)

Calculation Area Population:	693,037	(	35884.5 sq. km)
Not Affected by Terrain Loss:	420,907	(	26772.0 sq. km)
Total NTSC Interference:	1,421	(	286.3 sq. km)
DTV Only Interference:	0	(	-0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	1,421	(286.3 sq. km)
Interference Free:	419,486	(26485.8 sq. km)
Percent Interference:	0.34		

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KCOY-D.C (19) Santa Maria, CA
 TV Incoming Interference Study
 Signal Resolution: 1 km
 Consider NTSC Taboo: No
 KWX error points are considered to
 be interference free coverage.
 # of radials computed for contours: 72
 Contours calculated using 8 radial HAAT.
 LR Profile Spacing Increment: 0.1 km
 Interference considered within the
 reference station's noise limited contour.
 Using NTSC lptv/translators D/U rules.
 Threshold for reception: 39.254

Study Date: 2/7/2002
 TV Database Date: 02-06-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 435,043.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
PROPOSED K65EY(19-)	0	1269	0.292	298.24

Totals for KCOY-D.C (19)

Calculation Area Population:	713,701	(	37782.9 sq. km)
Not Affected by Terrain Loss:	435,043	(	27933.5 sq. km)
Total NTSC Interference:	1,269	(	298.2 sq. km)
DTV Only Interference:	0	(	-0.0 sq. km)
Total DTV Interference:	0	(	0.0 sq. km)
Interfered Population:	1,269	(	298.2 sq. km)
Interference Free:	433,774	(	27635.2 sq. km)
Percent Interference:	0.29		