

## V-Soft Communications Population Report

KQCA-D (46) STOCKTON, CA  
 TV Incoming Interference Study  
 Signal Resolution: 1 km  
 Consider NTSC Taboo: Yes  
 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.  
 Threshold for reception: 41.679

Study Date: 10/15/2001

TV Database Date: 10-12-01

Population Database: 2000 US Census

Percentages calculated using a baseline population of 4,154,772.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
KBHK-D.C (45)	0	66383	1.598	536.52
KION (46-)	0	10843	0.261	144.11
KWOK-D (47)	0	99743	2.401	632.77
KUVR-LP (46-)	0	3274	0.079	18.29

## Masking Summary:

Call Letters	Total Interference		Unique Interference	
	Population	%	Population	%
KBHK-D.C (45)	66383	1.598	18555	0.447
KION (46-)	10843	0.261	5524	0.133
KWOK-D (47)	99743	2.401	50188	1.208
KUVR-LP (46-)	3274	0.079	32	0.001

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Totals for KQCA-D (46)

Calculation Area Population:	5,625,075	( 24923.5 sq. km )
Not Affected by Terrain Loss:	4,154,772	( 22470.0 sq. km )
Total NTSC Interference:	14,117	( 159.5 sq. km )
DTV Only Interference:	111,025	( 649.1 sq. km )
Total DTV Interference:	119,586	( 706.8 sq. km )
Interfered Population:	125,142	( 808.6 sq. km )
Interference Free:	4,029,630	( 21661.4 sq. km )

Percent Interference: 3.01

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