

Doug Vernier Telecommunications Consultants Population Report  
R&D Media Group, Inc.  
BNPTTL20000831EDG  
Fac ID# 130620

RDMedia35N (35N) Logan, UT  
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 74 dBu FCC countour.  
Using NTSC lptv/translators D/U rules.  
Threshold for reception: 74.0

Study Date: 6/26/2001  
TV Database Date: 06-26-01

Population Database: 2000 US Census

Percentages calculated using a baseline population of 87,262.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
KUTV-D.C (35)	0	493	0.565	82.49
CCTV35N (35N)	0	44	0.050	40.30

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
KUTV-D.C (35)	493	0.565	493	0.565
CCTV35N (35N)	44	0.050	44	0.050

Stations considered which do not cause interference:

KXTF (35Z)  
KUTV-D.A (34)  
KULC-D.P.A (36)  
KULC-D.C (36)  
KPNZ-ADM (49Z)

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Call Letters	City	State	Dist	Bear
KXTF (35Z)	Twin Falls	ID	242.9	303.4

KUTV-D.A (34)	Salt Lake City	UT	101.5	192.8
KUTV-D.C (35)	Salt Lake City	UT	106.7	190.4
KULC-D.P.A (36)	Ogden	UT	101.5	192.8
KULC-D.C (36)	Ogden	UT	101.5	192.8
KPNZ-ADM (49Z)	Ogden	UT	101.5	192.8
CCTV35N (35N)	Soda Springs Etc	ID	121.6	9.8

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Totals for RDMedia35N (35N)

Calculation Area Population:	88,604	(	1568.4 sq. km )
Not Affected by Terrain Loss:	87,262	(	1516.2 sq. km )
Total NTSC Interference:	44	(	40.3 sq. km )
DTV Only Interference:	493	(	79.7 sq. km )
Total DTV Interference:	493	(	82.5 sq. km )
Interfered Population:	537	(	120.0 sq. km )
Interference Free:	86,725	(	1396.1 sq. km )

Percent Interference: 0.62

Terrain Blocked Population:	1,342	(	52.2 sq. km)
Contour Area Population:	87,848		

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	Housing Units	Population	% of County
Utah			
Box Elder County			
County Pop	0	42,745	
RDMedia35N (35N)	0	25,386	
KUTV-D.C (35)	0	493	1.94
CCTV35N (35N)	0	0	0.00
Ix Free	0	24,893	98.06
Cache County			
County Pop	0	91,391	
RDMedia35N (35N)	0	61,819	
CCTV35N (35N)	0	44	0.07
Ix Free	0	61,775	99.93
Weber County			
County Pop	0	196,533	
RDMedia35N (35N)	0	57	
CCTV35N (35N)	0	0	0.00
Ix Free	0	57	100.00