

Interference Study

The proposed translator complies with all requirements of Section 74.1204 of the Commission's rules.

Page 2 of this Exhibit contains a Channel Study showing the relationship of the proposed translator to other co-channel, 1st, 2nd, & 3rd adjacent channel stations and to stations separated by 53/54 channels.

Page 3 of this Exhibit contains a tabulation of the 12 radials with the corresponding HAAT's and distance to the 60 & 100 dBu contours.

Page 4 of this Exhibit contains a coverage map of the proposed 60 dBu contour.

The proposed translator will be located inside the 60 dBu contour of KNEV, on 2nd adjacent channel 238. The specific protected contour of KNEV is the 63 dBu contour, resulting in a corresponding interference contour of 103 dBu. There is no population within the 103 dBu interference contour of the proposed translator. Page 5 of this Exhibit contains a map showing the proposed translator's 103 dBu interference contour and page 6 contains a map showing KNEV's 63 dBu contour and the proposed translator's 103 dBu interference contour.

Interference Study

REFERENCE 39 29 22 N 118 45 09 W		CH# 236D - 95.1 MHz, Pwr= 0.25 kW, HAAT=0.0 M, COR= 1282 M Average Protected F(50-50)= 7.09 km Ave. F(50-10) 40 dBu= 23.8 54 dBu= 10.1 80 dBu= 2.3 100 dBu= 1.1								
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
233C2 Sun Valley	KHXR.C	CP NV	277.0 97.0	90.50 BPH20021213ACB	39 35 02 119 47 53	50.000 203	1698 1.1	57.6 Lotus Radio Corp.	72.66	31.82
233C3 Sun Valley	KHXR	LIC NV	277.0 97.0	90.50 BLH19990713KA	39 35 02 119 47 53	12.000 203	1698 1.1	44.8 Lotus Radio Corp.	74.97	44.60
235D Fernley	AP235	APP NV	305.0 125.0	43.59 BNPFT20030311ALX	39 42 48 119 10 10	0.010 817	2163 16.3	15.8 Calvary Chapel Of Twin Fal	6.87	11.51
236D Reno	AP236	APP NV	277.0 97.0	90.75 BNPFT20030317GHF	39 35 00 119 48 04	0.028 196	1687 37.3	10.6 Eastern Sierra Broadcastin	44.61	42.82
236D Fallon	AP236	APP NV	0.0 180.0	0.00 BNPFT20030317ABD	39 29 22 118 45 09	0.250 79	1282 42.4	11.5 American Educational Broad	-51.73*	-53.87*
238C Reno	KNEV	LIC NV	252.9 72.9	85.91 BLH19921029KA	39 15 34 119 42 16	60.000 792	2339 1.1	93.5 Citadel Broadcasting Compa	62.08	-8.71*
289C Reno	KOZZFM«	LIC NV	259.0 79.0	99.33 BLH20010103AAL	39 18 48 119 52 59	25.000 1265	2967 10.9	94.3 Lotus Radio Corp.	29.0R	70.3M

*****Affixed to 'IN' or 'Out' values = site inside protected contour.
ERP and HAAT are on direct line to and from reference station.
"«" = Station meets FCC minimum distance spacing for its class.

Interference Study

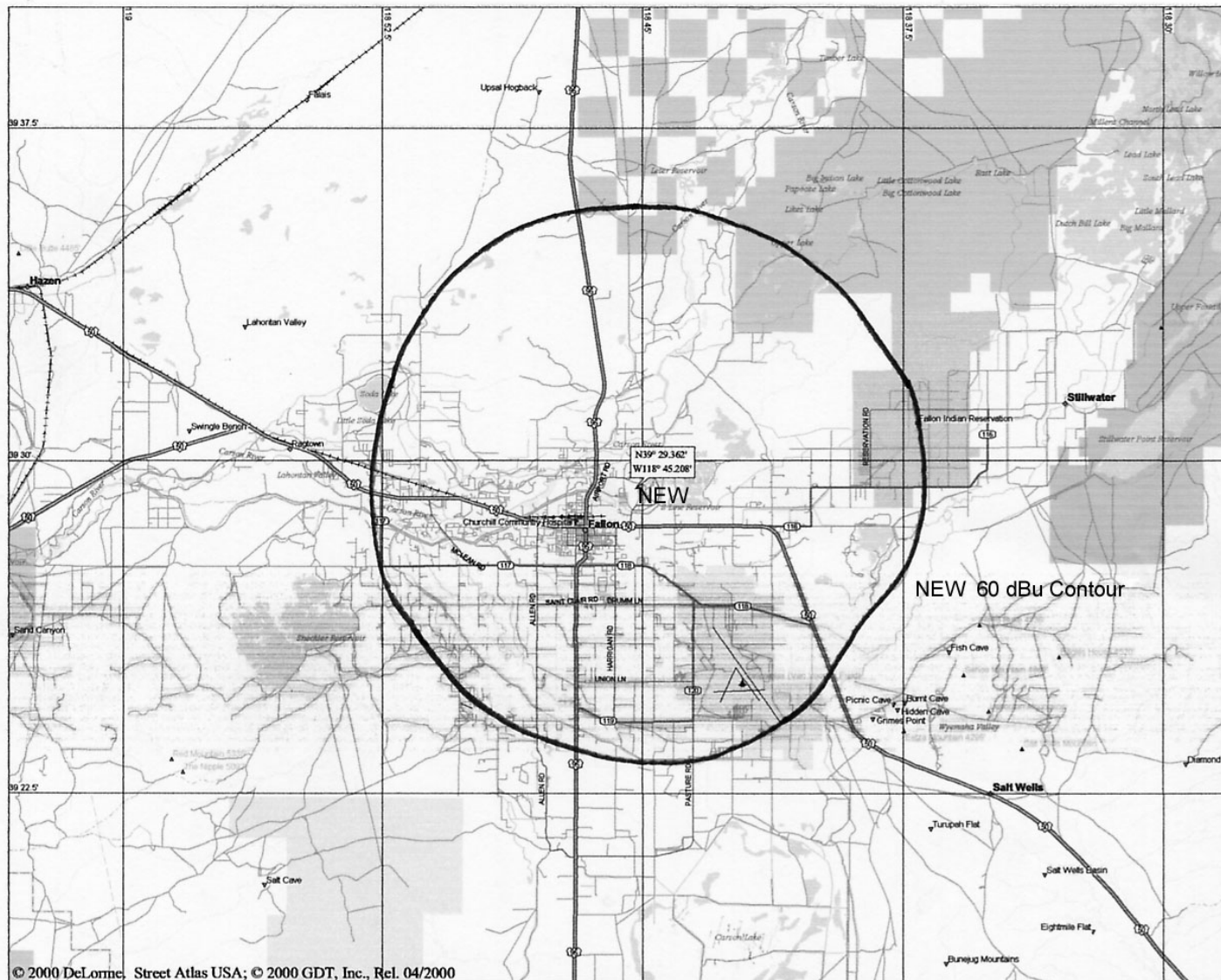
39 29 22
 118 45 09

ERP = .25 kW, -6.021 dBk FM - 2-6 Tables						
Radial	HAAT	kW	dBk	Field	60 dBu.5	103 dBu.5

0 Degr.	91.4M	0.250	-6.021	1.000	12.3	0.8
30 Degr.	89.6M	0.250	-6.021	1.000	12.2	0.8
60 Degr.	89.1M	0.250	-6.021	1.000	12.2	0.8
90 Degr.	86.8M	0.250	-6.021	1.000	12.0	0.8
120 Degr.	69.9M	0.250	-6.021	1.000	10.9	0.8
150 Degr.	81.2M	0.250	-6.021	1.000	11.7	0.8
180 Degr.	79.0M	0.250	-6.021	1.000	11.5	0.8
210 Degr.	74.2M	0.250	-6.021	1.000	11.2	0.8
240 Degr.	70.6M	0.250	-6.021	1.000	10.9	0.8
270 Degr.	70.3M	0.250	-6.021	1.000	10.9	0.8
300 Degr.	75.0M	0.250	-6.021	1.000	11.2	0.8
330 Degr.	90.0M	0.250	-6.021	1.000	12.2	0.8

Ave. HAAT= 80.6M, Ant. COR=1282.0M AMSL						

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Scale 1:250,000

5 Miles

5 KM

- Local Road
- Major Connector
- State Route
- Trail

Interference Study



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Scale 1:100,000

2 Miles

2 KM

- Local Road
- Major Connector
- State Route
- Trail

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