

**K246AW**  
**Hyde Park, UT**  
Proposed Minor Modification  
of Licensed Translator Facility

**CONTINGENT APPLICATION Overview:**

Sun Valley Radio, Inc. (“Sun Valley”) proposes an adjacent channel change for co-owned translator K250AV from channel 250 to Channel 247 and relocation of the facility to a location that continues to overlap the protected contour of the currently authorized facilities of K250AV. As such, it represents a Minor Change of the authorized facility.

However, in order for K250AV to operate on Channel 247, the instant facility must contingently change its operating channel to I.F. Channel 299. Therefore, Sun Valley contingently proposes such a channel change for K246AW at a modified site. As such, the Applicant proposes to modify BLFT-20100622ADO using the following parameters and respectfully requests contingent processing hereof:

**Tech Box:**

Channel:	299
Antenna Coordinates:	N41-53-50, W111-57-39 (NAD 27)
ASRN:	N/A
Tower Site Base AMSL:	1736 m
Overall Tower Height AGL:	48 m
COR AGL:	27 m
ERP:	0.19 kW
Directional Antenna:	No

**Primary Station and Translator Protected Contour Relationship:**

Exhibit 1 demonstrates that the proposed fill-in translator facility's protected contour is completely encompassed by the protected contour of the primary station being rebroadcast.

**Interference Study (Fully Spaced):**

Exhibit 2 is a contour overlap study demonstrating that as a result of the contingently proposed channel and site change for K246AW Hyde Park, UT, the proposed antenna site provides requisite contour protection towards all applications, authorizations, and permits pursuant to Section 74.1204.

**Proposed Translator Above Directional FM Translator:**

The proposed facility is to be mounted above the currently authorized facilities of K250AV. It should be noted that K250AV is the other station being contingently modified with the instant facility and the applicant requests a condition be placed on the permit authorized hereunder requiring K250AV and K246AW to implement their permits simultaneously.

**Downward Radiation Study (Measure Upon Construction)**

The instantly proposed facility is located on private land that is not accessible to the general public due to fencing and a locked gate. As such, it is defined as a Controlled Site for RFR purposes.

Due to the fact that several existing and proposed emitters are located at or near the site, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction of the proposed facility to ensure that any areas at ground level that exceed the Commission's exposure guideline values are appropriately marked and fenced. The results of the survey will be provided with the application for license.

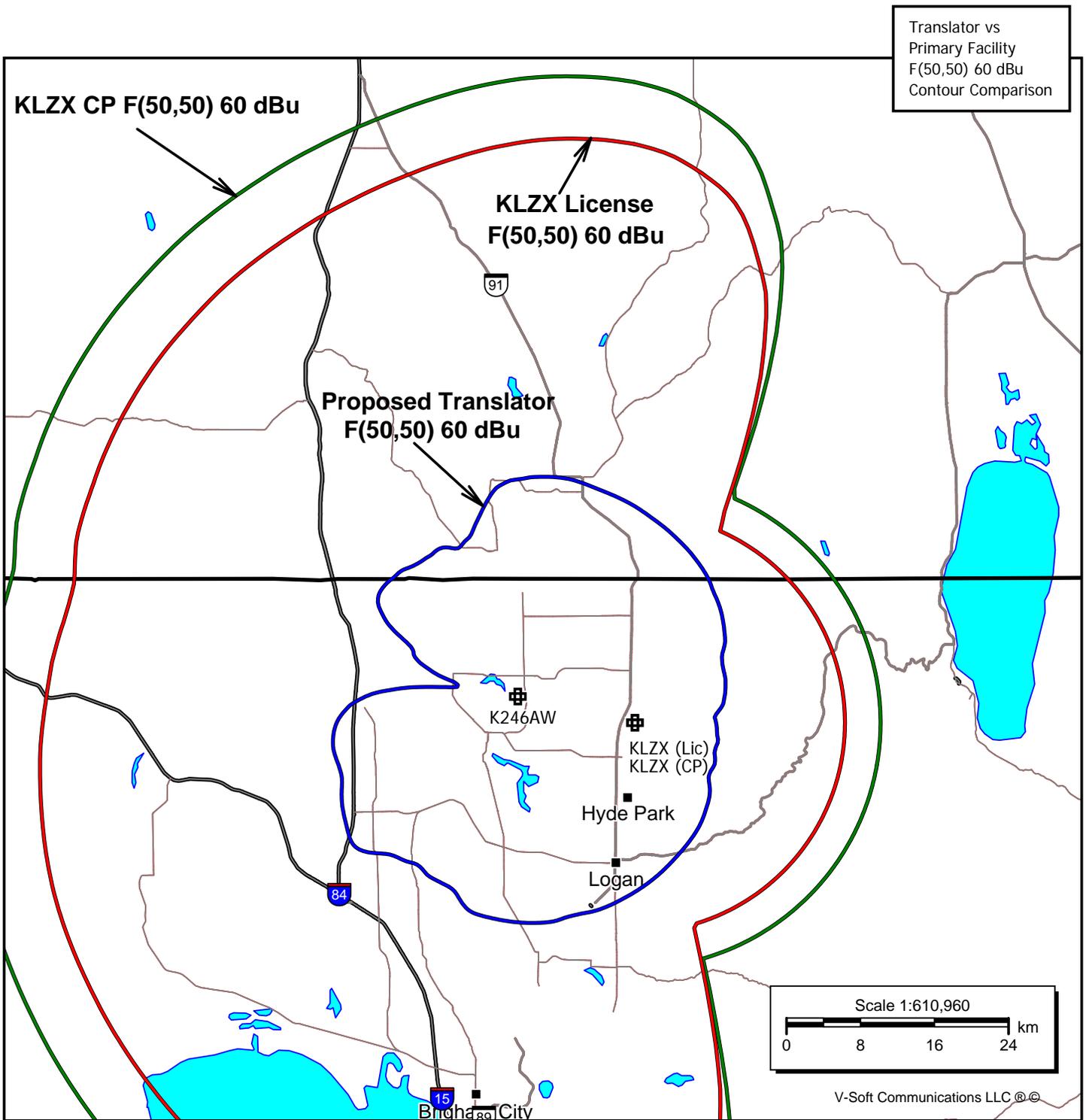
Even though the site will fully comply with the Controlled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

**Existing Tower:**

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

# **Exhibit 1**

**Primary Station Protected Contour  
vs.  
Proposed Translator Protected Contour**



**K246AW**  
 Mod of BLFT-20100622ADO  
 Channel: 299D  
 Frequency: 107.7 MHz  
 Latitude: 41-53-50 N  
 Longitude: 111-57-39 W  
 COR AGL Height: 27.0 m  
 COR AMSL Height: 1763.0 m  
 Base Elevation: 1736.0 m  
 COR HAAT: 339.8 m  
 ERP: 0.19 kW  
 Horiz. Pattern: Omni  
 Vert. Pattern: No  
 Prop Model: None

**KLZX (Lic)**  
 BMLH20070117AAI  
 Channel: 240C3  
 Frequency: 95.9 MHz  
 Latitude: 41-52-18 N  
 Longitude: 111-48-31 W  
 COR AGL Height: 34.0 m  
 COR AMSL Height: 1750.0 m  
 Base Elevation: 1716.0 m  
 COR HAAT: 66.0 m  
 ERP: 25.00 kW  
 Horiz. Pattern: Omni  
 Vert. Pattern: No  
 Prop Model: None

**KLZX (CP)**  
 BMPH20140508AAF  
 Channel: 260C2  
 Frequency: 99.9 MHz  
 Latitude: 41-52-18 N  
 Longitude: 111-48-31 W  
 COR AGL Height: 30.4 m  
 COR AMSL Height: 1746.0 m  
 Base Elevation: 1715.6 m  
 COR HAAT: 66.0 m  
 ERP: 50.00 kW  
 Horiz. Pattern: Omni  
 Vert. Pattern: No  
 Prop Model: None

# **Exhibit 2**

## **Section 74.1204 Interference Tabulations**

K246AW Hyde Park, UT, on Channel 299  
 Section 74.1204 Contour Overlap Study

REFERENCE CH# 299D - 107.7 MHz, Pwr= 0.19 kW, HAAT= 339.8 M, COR= 1763 M DISPLAY DATES  
 41 53 50.0 N. Average Protected F(50-50)= 22.4 km DATA 09-07-14  
 111 57 39.0 W. Omni-directional SEARCH 09-06-14

CH CITY	CALL	TYPE	ANT STATE	AZI. <-->	DI ST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
300C Roy	KUDD	LIC	HX UT	209.4 29.1	81.51 BMLH20040624ADL	41 15 27.0 112 26 24.0	75.000 696	134.6 2041	91.0 Broadway Medi a Ls, LI c	-74.3*	-41.1*

\*\*OF NO CONCERN\*\*  
 In MB Docket 05-243, Channel 300C was deleted at Roy, UT, and Channel 300C was added at Randolph, UT, for use by KUDD(FM).

KUDD(FM) has dismantled this facility and has filed a License Application in BLH-20140324ACL. It has been authorized to commence program tests under the facilities authorized in BMPH-20140206AJU (see PTA authorization in file 20140324AFV).

300C Randolph	AL2551	USE	UT	141.2 321.8	116.18 RM11363	41 04 48.0 111 05 32.0	100.000 600	142.5 2776	96.6	-50.8*	-18.1
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\*\*OF NO CONCERN\*\*  
 See authorization below.

300C Randolph	KUDD	CP	NHX UT	144.5 325.1	139.67 BMPH20140206AJU	40 52 16.0 110 59 43.0	89.000 647	147.6 3330	101.6 Broadway Medi a Ls, LI c	-32.5*	0.3
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\*\*OF NOTE\*\*  
 License Application BLH-20140324ACL is currently pending to cover this permit.

298C Kaysville	AL2553	USE	UT	188.4 8.2	138.93 RM11363	40 39 34.0 112 12 05.0	100.000 600	143.8 2188	97.7	-28.9*	4.6
298C Kaysville	KKLV	CP	CX UT	188.4 8.2	138.90 BPH20080331AKP	40 39 35.0 112 12 05.0	22.000 1243	138.4 2831	94.7 Educational Medi a Foundati	-23.5	7.5
297D Tremont	K297AP	LIC	DV UT	233.2 53.0	27.60 BLFT20050114ACL	41 44 54.0 112 13 37.0	0.235 305	0.6 1767	19.8 Frandsen Medi a Company, LI	3.9	1.2
246D Hyde Park	K246AW	LIC	C UT	102.7 282.8	12.94 BLFT20100622AD0	41 52 18.0 111 48 31.0	0.250 30	171.5 1727	80.8 Sun Valley Radio, Inc.	9.5R	3.4M
300D Bountiful	KUDD-FM4	LIC	DC UT	176.2 356.3	118.25 BLFTB20031103ABU	40 50 05.0 111 52 03.0	5.000	80.1 1828	53.2 Broadway Medi a Ls, LI c	13.6	27.4
298C Orem	ALLO	USE	UT	179.3 359.3	179.61	40 16 48.0 111 56 05.0	100.000 600	137.7 2108	92.7	17.6	49.5
298C Orem	KKLV	LIC	C UT	179.3 359.3	179.61 BMLEDD20100902ADY	40 16 48.0 111 56 05.0	45.000 869	136.2 2366	93.1 Educational Medi a Foundati	19.1	49.0
300D Ogden	KUDD-FM2	LIC	DC UT	183.7 3.6	61.76 BLFTB20110926ALV	41 20 32.0 112 00 30.0	0.500	1.6 1596	1.6 Broadway Medi a Ls, LI c	35.9	23.1
300D Bountiful	KUDD-FM4	CP	DC UT	176.2 356.3	118.25 BPFTB20140410AAS	40 50 05.0 111 52 03.0	2.200	69.2 1828	45.5 Broadway Medi a Ls, LI c	24.5	35.1
296C Woodruff	AL2534	USE	UT	142.9 323.5	133.62 RM11363	40 56 07.0 111 00 03.0	100.000 600	16.6 3127	100.6	92.5	32.0
300C1 Kemmerer	ALLO	USE	WY	358.6 178.6	161.61	43 21 06.0 112 00 29.0	100.000 299	101.4 1891	69.3	36.8	56.8
296C Woodruff	KEGH	CP	HX UT	144.5 325.1	139.67 BPH20080328AAL	40 52 16.0 110 59 43.0	89.000 647	16.4 3330	101.6 Slc Divestiture Trust Li (	98.7	37.1
296D Ogden	KEGH-FM1	CP	DC UT	183.7 3.6	61.76 BNPFTB20131209XDO	41 20 32.0 112 00 30.0	0.500	0.0 1596	1.6 Slc Divestiture Trust Li (	37.5	59.2
300C1 Shelley	KA0X	CP	CX ID	358.6 178.6	161.61 BPH20080331AKT	43 21 06.0 112 00 29.0	100.000 193	89.4 1789	59.7 Broadway Medi a Ls, LI c	48.7	66.4
300D Salt Lake City	KUDD-FM1	LIC	C UT	177.2 357.2	121.10 BLFTB20090414AGR	40 48 29.0 111 53 23.0	0.220	43.4 1823	27.9 Broadway Medi a Ls, LI c	53.2	55.6
296D Soda Springs, Etc.	K296AQ	LIC	CN ID	15.6 195.7	84.55 BLFT145	42 37 48.0 111 41 00.0	0.109 328	0.7 2148	22.5 Caribou County Tv	59.7	61.1

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
 Contour distances are on direct line to and from reference station. Reference Zone= , Co to 3rd adjacent.  
 All separation margins (if shown) include rounding  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 \*\*\*affixed to 'IN' or 'OUT' values = site inside protected contour.  
 < = Station meets FCC minimum distance spacing for its class.