

**K262CA**  
**Richmond, UT**  
Proposed Minor Modification  
of Licensed Translator Facility

**Application Overview:**

The Applicant proposes to modify BLFT-20130807AAO using the following parameters:

**Tech Box:**

Channel:	265
Antenna Coordinates:	N41-52-18, W111-48-31 (NAD 27)
ASRN:	N/A
Tower Site Base AMSL:	1716 m
Overall Tower Height AGL:	43 m
COR AGL:	11 m
ERP:	0.25 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 the proposed antenna site provides requisite contour protection towards all applications, authorizations, and permits pursuant to Section 74.1204.

**Proposed Translator to Combine into a Shared Antenna:**

The signal of the proposed Translator is to be combined into an antenna contemporaneously proposed for use by the following station:

- K250AV Amalga, UT (see Contemporaneously Proposed Application)

Therefore, the applicant agrees to make sufficient measurements to establish that the operation of the Translator is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements will be made with all stations simultaneously into the combined antenna and will be submitted to the Commission along with the FCC Form 350 application for license.

**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.

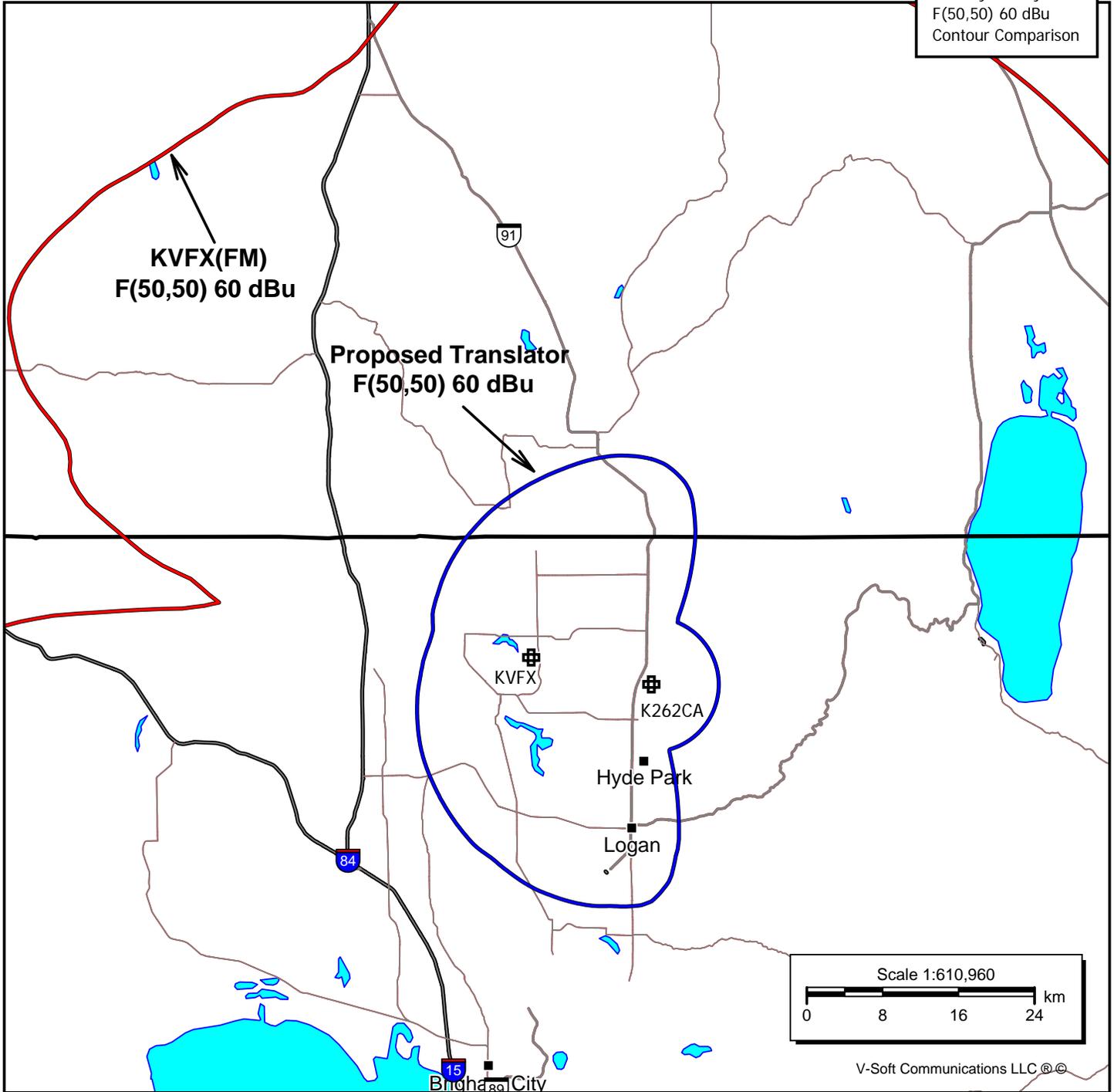
**Existing Tower:**

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**

Translator vs  
Primary Facility  
F(50,50) 60 dBu  
Contour Comparison



**K262CA**  
Mod of BLFT-20130807AAO  
Channel: 265D  
Frequency: 100.9 MHz  
Latitude: 41-52-18 N  
Longitude: 111-48-31 W  
COR AGL Height: 11.0 m  
COR AMSL Height: 1727.0 m  
Base Elevation: 1716.0 m  
COR HAAT: 30.3 m  
ERP: 0.25 kW  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

**KVFX**  
BMLH20001228AAB  
Channel: 233C0  
Frequency: 94.5 MHz  
Latitude: 41-53-50 N  
Longitude: 111-57-39 W  
COR AGL Height: 37.0 m  
COR AMSL Height: 1773.0 m  
Base Elevation: 1736.0 m  
COR HAAT: 350.0 m  
ERP: 94.00 kW  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

# **Exhibit 2**

## **Section 74.1204 Interference Tabulations**

K262CA Richmond, UT, on Channel 265  
 Section 74.1204 Contour Overlap Study  
 Average Protected F(50-50)= 7.12 km  
 Omni-directional

REFERENCE  
 41 52 18.0 N.  
 111 48 31.0 W.

CH# 265D - 100.9 MHz, Pwr= 0.25 kW, HAAT= 30.3 M, COR= 1727 M

DISPLAY DATES  
 DATA 09-07-14  
 SEARCH 09-06-14

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
264C Woodruff	AL5663	USE	___	147.1 327.6	123.44 RM10774*	40 56 13.0 111 00 35.0	100.000 600	146.3 3107	100.0	-29.9*	13.3
266C Ogden	ALLO	USE	___	193.8 13.6	138.56	40 39 35.0 112 12 05.0	100.000 600	144.0 2188	97.9	-29.4*	4.5
266C Ogden	KBER	LIC	_CX	193.8 13.6	138.59 BMLH20021203ACC	40 39 34.0 112 12 05.0	25.000 1140	139.9 2803	95.8	-25.3*	6.6 Radio License Holding Cbc,
264C Woodruff	KYMV	LIC	_HX	148.3 328.9	130.30 BLH20060907AAW	40 52 16.0 110 59 43.0	88.000 647	147.6 3330	101.6	-24.4*	18.5 Broadway Media Ls, LIc
262D Richmond	K262CA	LIC	_C_	0.0 0.0	0.00 BLFT20130807AAO	41 52 18.0 111 48 31.0	0.010 26	0.2 1723	10.6	-24.0*	-11.7* Sun Valley Radio, Inc.
267D Wellsville	K267AU	LIC	DV_	196.5 16.4	37.13 BLFT20051115ABR	41 33 04.0 111 56 07.0	0.250 524	1.0 2185	35.8	11.9	-5.8 Sun Valley Radio, Inc.
264D Ogden	KYMV-FM4	LIC	DC_	195.8 15.7	61.11 BLFTB20060907AAX	41 20 32.0 112 00 30.0	0.425	1.8 1596	1.6	35.2	23.1 Broadway Media Ls, LIc
268C Oakley	KEGA	LIC	_HX	148.3 328.9	130.30 BLH20030604ABC	40 52 16.0 110 59 43.0	89.000 647	16.5 3330	101.8	106.8	27.4 Broadway Media Ls, LIc
268D Ogden	KEGA-FM1	LIC	DC_	195.8 15.7	61.11 BLFTB20041222GDO	41 20 32.0 112 00 30.0	0.500	0.5 1596	4.6	36.5	55.4 Broadway Media Ls, LIc
264D Bountiful	KYMV-FM3	LIC	DC_	182.5 2.4	115.26 BLFTB20060907AAY	40 50 05.0 111 52 03.0	2.150	54.5 1828	36.4	37.6	44.1 Broadway Media Ls, LIc
265D Pocatello	K265EW	CP	DV_	334.0 153.6	112.50 BNPFT20131017AAZ	42 46 46.0 112 24 50.0	0.013 -136	1.6 1576	0.3	86.3	38.4 Max T. Nichols
262C Salt Lake City	ALLO	USE	___	193.8 13.6	138.56	40 39 35.0 112 12 05.0	100.000 600	15.9 2188	97.9	98.7	39.6
262C Salt Lake City	KSFI	LIC	_CX	193.8 13.6	138.59 BMLH20021113AAK	40 39 34.0 112 12 05.0	25.000 1140	10.1 2803	95.8	104.6	41.7 Bonneville International C
264C1 Idaho Falls	ALLO	USE	___	354.4 174.3	165.21	43 21 06.0 112 00 29.0	100.000 299	99.3 1891	67.5	41.8	61.1
264D Montpelier	K264AD	LIC	_VN	31.1 211.4	67.35 BLFT19940714TH	42 23 22.0 111 23 05.0	0.010 175	11.9 2178	8.4	48.4	48.8 Bear Lake County T.v. Dist
264C1 Idaho Falls	KSNA	LIC	_CX	354.4 174.3	165.21 BLH20110330ACH	43 21 06.0 112 00 29.0	100.000 193	86.5 1789	57.0	54.5	71.7 Sandhill Media Group, LIc

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), Beam tilt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside protected contour.