

Waiver Request of Section 74.1204
K213CQ, Salt Lake City, UT 11 Watts ERP
Calvary Chapel of Twin Falls, Inc. 2/05

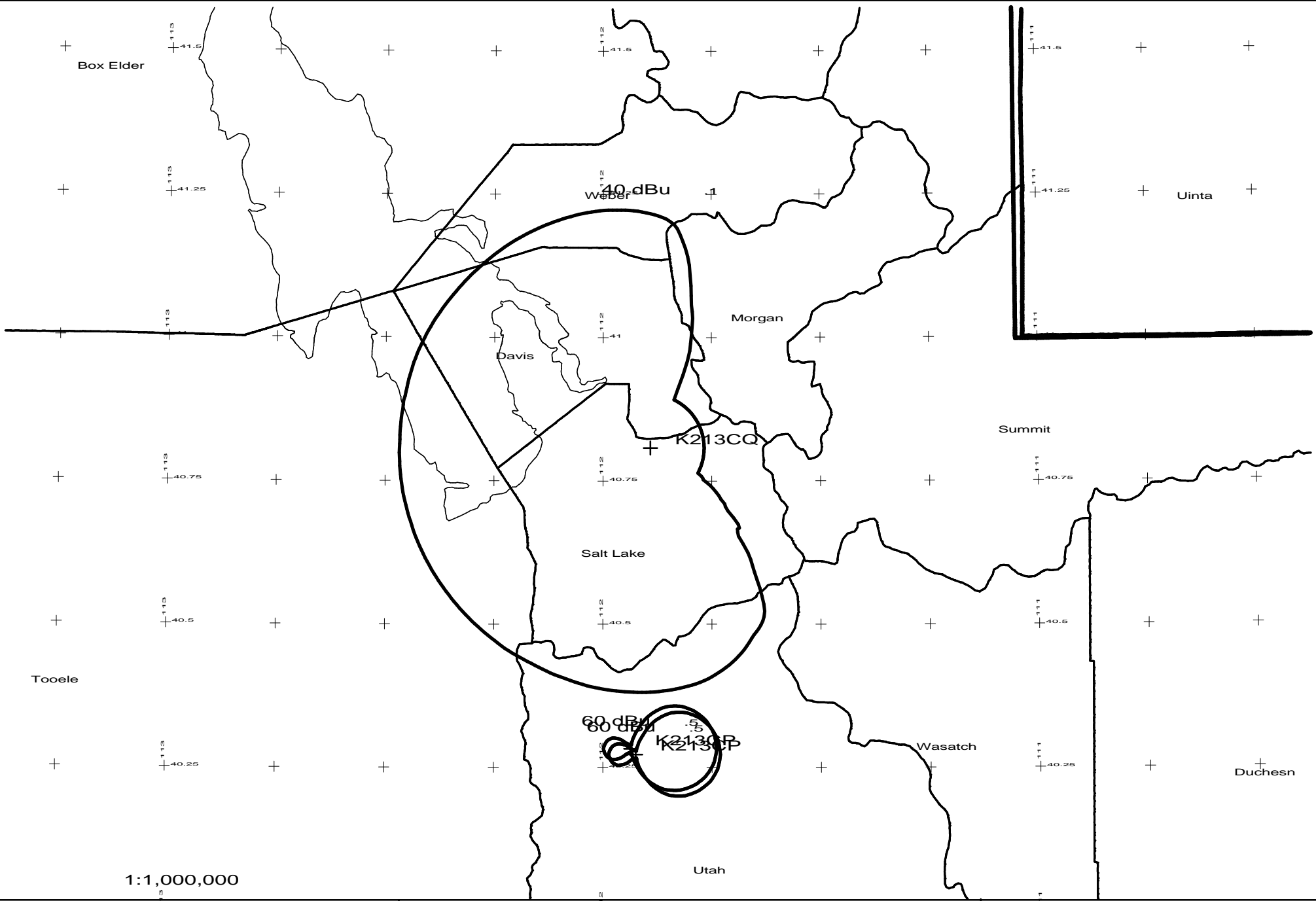
The proposed site is contained entirely inside the service contours of second-adjacent stations KUER.LIC, Salt Lake City, UT and KRCL.LIC and KRCL.CP, Salt Lake City, UT

KUER.LIC

The proposed site is contained entirely inside the service contour of second-adjacent Station KUER.LIC, Channel 211, Class C, 38 kW, Salt Lake City, UT. The level of the second-adjacent station KUER arriving protected F(50,50) signal at the proposed transmitter site 87.7-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KUER is 127.7-dBu (free-space contour method employed). This means that the 127.7-dBu interfering signal would, in the worst case, extend 10 meters from the Center of Radiation, which is proposed at 15 meters AGL. This interference contour does not touch the ground. This site is located on Ensign Peak and there are no tall building within distance of the interference contour. Since no population inhabits this interfering area, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KUER.

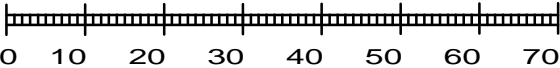
KRCL.LIC&CP

The proposed site is contained entirely inside the service contour of second-adjacent Station KRCL.LIC&CP, Channel 215, Class C, 16.5 kW, Salt Lake City, UT. The level of the second-adjacent station KRCL.LIC&CP arriving protected F(50,50) signal at the proposed transmitter site are 86 & 87.8-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KRCL.LIC&CP are 126&127.8-dBu (free-space contour method employed). This means that the interfering signal would, in the worst case, extend 12&10 meters from the Center of Radiation, which is proposed at 15 meters AGL. Neither interference contour touches the ground. This site is located on Ensign Peak and there are no tall building within distance of either interference contour. Since no population inhabits this interfering area, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KRCL.LIC&CP.



1:1,000,000

Scale in km



K213CQ 213D .011kW 1821M AMSL
N. Lat. 40 48 27 W. Lng. 111 53 27

K213CQ
CSN - 02/05

TERRAIN AND CONTOUR DATA
 FEBRUARY 2005
 CALVARY CHAPEL OF TWIN FALLS, INC.
 K213CQ, SALT LAKE CITY, UT
 11 WATTS ERP
 N. Lat. = 40 48 27 W. Lng. = 111 53 26
 HAAT and Distance to Contour - FCC Method - 03 Arc Sec.

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1338.3	482.7	0.0110	-19.59	1.000	12.77
030	1859.0	-38.0	0.0110	-19.59	1.000	3.23
060	2247.5	-426.5	0.0110	-19.59	1.000	3.23
090	2018.5	-197.5	0.0110	-19.59	1.000	3.23
120	1782.4	38.6	0.0110	-19.59	1.000	3.65
150	1414.9	406.1	0.0110	-19.59	1.000	11.93
180	1304.7	516.3	0.0110	-19.59	1.000	13.06
210	1297.5	523.5	0.0110	-19.59	1.000	13.14
240	1284.5	536.5	0.0110	-19.59	1.000	13.28
270	1282.0	539.0	0.0110	-19.59	1.000	13.32
300	1281.5	539.5	0.0110	-19.59	1.000	13.32
330	1294.2	526.8	0.0110	-19.59	1.000	13.17

Ave El= 1533.75 M HAAT= 287.25 M AMSL= 1821M