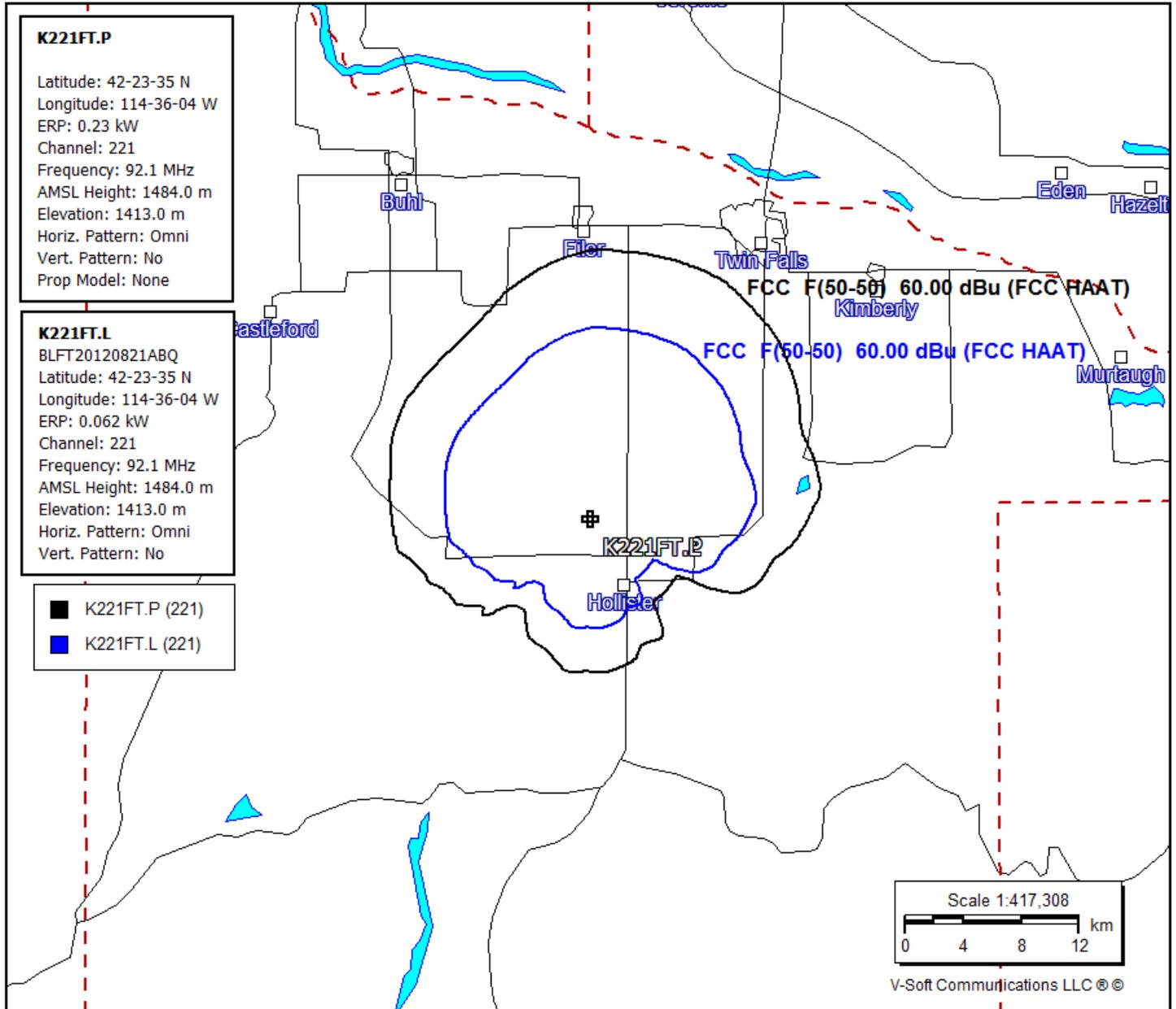


Proposed Minor Change

Shown on the map below is the FCC F(50/50) 60dBu contour of the licensed and proposed facility of K221FT.



Channel Study

REFERENCE CH# 221D - 92.1 MHz, Pwr= 0.23 kW, HAAT= 117.5 M, COR= 1484 M DISPLAY DATES
 42 23 35.0 N. Average Protected F(50-50)= 13.6 km DATA 03-18-14
 114 36 04.0 W. Omni-directional SEARCH 03-18-14

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
221D Filer	K221FT	LIC	C ID	0.0 0.0	0.00 BLFT20120821ABQ	42 23 35.0 114 36 04.0	0.062 118	43.6 1484	13.2 Educational Media Foundati	-62.1*	-71.0*
221D Filer	K221FT	CP	C ID	33.6 213.7	20.66 BPFT20130328APX	42 32 52.0 114 27 41.0	0.099 46	27.1 1222	5.6 Educational Media Foundati	-21.4*	-43.1
224C1 Hazelton	KTPZ	CP	CX ID	21.7 201.8	40.52 BPH20111003ABE	42 43 54.0 114 25 04.0	100.000 226	9.7 1398	70.5 Locally Owned Radio, Llc	12.1	-31.1*
224C3 Hazelton	KTPZ	LIC	CX ID	21.7 201.8	40.52 BLH20110804ABB	42 43 54.0 114 25 04.0	4.900 226	3.7 1398	42.4 Locally Owned Radio, Llc	18.1	-2.9*
219C3 Twin Falls	KBSW	LIC	CN ID	21.7 201.8	40.34 BLED19980820KB	42 43 48.0 114 25 06.0	4.500 150	3.3 1320	36.6 Idaho State Board Of Educa	18.4	2.7
221C2 Pocatello	KEGE	LIC	CX ID	71.9 253.3	178.93 BMLH20120314ADS	42 52 26.0 112 30 48.0	12.000 301	138.9 1808	58.6 Rich Broadcasting Idaho Ls	24.0	69.0
220A Burley	KBWE	LIC	EX ID	75.0 255.5	72.40 BLED20121030ABJ	42 33 32.0 113 44 50.0	4.900 12	22.3 1288	14.9 Idaho Community Action Net	34.3	33.8
222C Boise	KIZN	LIC	CY ID	321.8 140.7	194.26 BLH20010831AAH	43 45 21.0 116 05 54.0	48.000 828	135.9 2215	92.8 Radio License Holding Cbc,	42.6	78.6

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 In & Out distances between contours are shown at closest points. Reference Zone=West Zone, Co to 3rdadjacent.
 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.

Exhibit 13 - A addresses the 3rd adjacent construction permit and license of KTPZ on channel 224

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel stations KTPZ.C channel 224C1 and KTPZ channel 224C3, each facility specifies Hazelton, Idaho as its community of license. According to 74.1204(a)(3), in order to protect second and third adjacent facilities, the difference in dBu between the two facilities must not exceed 40dBu.

The proposed ERP for K221FT: 230 watts

The proposed COR for K221FT: 71 meters

KTPZ.C F(50/50) contour at proposed site: 74.1 dBu

The F(50/10) contour of proposed K221FT 114.1 dBu

The predicted distance to K221FT interference contour: 209.8 meters

KTPZ F(50/50) contour at proposed site: 61 dBu

The F(50/10) contour of proposed K221FT 101 dBu

The predicted distance to K221FT interference contour: 947.7 meters

As can be seen in Exhibit 13 - A1 the site is rural. There are no regularly occupied structures at the base of the tower or within the furthest maximum distance to interference contour of 947.7 m.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.

Cavell, Mertz & Associates



Google earth



NAD27 COORDINATES

42 23 35 N

114 36 04 W

The tower is in a rural area. The red line on the map measures 947.7m from the base of the tower which is marked by the antenna structure registration number.