

Allocation Considerations

K210AE Pullman, WA has been in continuous operation since July 1983. The proposed K210AE's 60 dBu contour lies entirely within the parent's KRFA 60 dBu contour.

The FCC's Antenna Height Above Average Terrain (HAAT) / Contour Calculations web site was used to determine the proposed site's HAAT of 346 meters for the highest antenna. This figure was used for all coverage and interference studies.

Exhibit #12 page 2 shows that no prohibited overlap occurs with any domestic or Canadian licensed or allocated FM facility. The proposed interfering 34 dBu contour does not extend beyond the common border between Canada and the United States.

There are no prohibited IF relationships.

The applicant believes that the proposed facilities meet all of the pertinent requirements of 47 CFR §73.509 and 47 CFR §73.207(b)(1), and the provisions of 47 CFR §73.207(b)(2) and the Working Agreement between the Governments of Canada and the United States.

Washington State University

Kamalak Displacement

REFERENCE CH# 246D - 97.1 MHz, Pwr= 0.5 kW DA, HAAT= 346.0 M, COR= 1117 M
 46 51 43.0 N.
 117 10 26.0 W.
 Average Protected F(50-50)= 28.51 km
 Standard Directional

DISPLAY DATES
 DATA 04-14-10
 SEARCH 04-19-10

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
246CO	KXRX	LIC	_CX	218.4	124.0	45 59 04.0	100.000	177.5	75.8	-64.2*<	12.1
Wall a	Wall a	WA		37.7	BLH20030908ACK	118 10 09.0	405	1204	Gap Broadcasting	Tri -citi e	
247D	K247AW	APP	DC_	168.0	46.1	46 27 22.0	0.250	8.0	5.7	11.9	0.7
Lewi ston		ID		348.1	BMPFT20100406ABG	117 02 56.0		911	Xana Duke Radio Partners,		
247D	K247AW	LIC	_C_	168.0	46.1	46 27 22.0	0.010	7.2	5.2	12.7	1.3
Lewi ston		ID		348.1	BLFT20070620ACR	117 02 56.0		911	Xana Duke Radio Partners,		
247D	K247AW	CP	_C_	166.1	46.1	46 27 35.0	0.010	5.3	3.7	14.3	2.3
Lewi ston		ID		346.2	BPFT20090122ABG	117 01 46.0		874	Xana Duke Radio Partners,		
245C2	KEZE	LIC	DC_	0.2	96.0	47 43 33.0	8.200	80.6	54.2	3.5	24.5
Spokane		WA		180.3	BLH20001120AAJ	117 10 06.0	365	1078	Queenb Radio, Inc.		
243C1	KOZE-FM	LIC	_CN	163.3	46.3	46 27 48.0	25.000	2.3	22.7	17.3	22.2
Lewi ston		ID		343.4	BLH19901128KC	117 00 01.0	226	842	4-k Radio, Inc.		
249A	KZBG	LIC	ZCX	168.0	46.1	46 27 22.0	0.570	1.6	14.5	18.3	30.2
Lapwai		ID		348.1	BLH20070808ABZ	117 02 56.0	323	917	Xana Duke Radio Partners,		
247C3	KKRS	LIC	_C_	326.4	97.2	47 35 14.0	5.100	59.4	40.1	22.8	34.6
Davenport		WA		145.9	BMLH20080421AAJ	117 53 26.0	220	969	Penfold Communications, In		
245D	645457	APP	_C_	122.2	81.3	46 28 09.0	0.013	14.0	10.0	41.5	32.4
Orofi no		ID		302.9	BNPFT20030317EQH	116 16 40.0		930	Radio Assist Ministry, Inc		
300C	KMBI -FM	LIC	_CN	4.9	79.1	47 34 15.0	64.000	37.4	11.2	28.5R	50.6M
Spokane		WA		185.0	BMLD19990113KA	117 05 00.0	725	1573	The Moody Bible Institute		
Commerci al Channel	Operating				Educati onal						

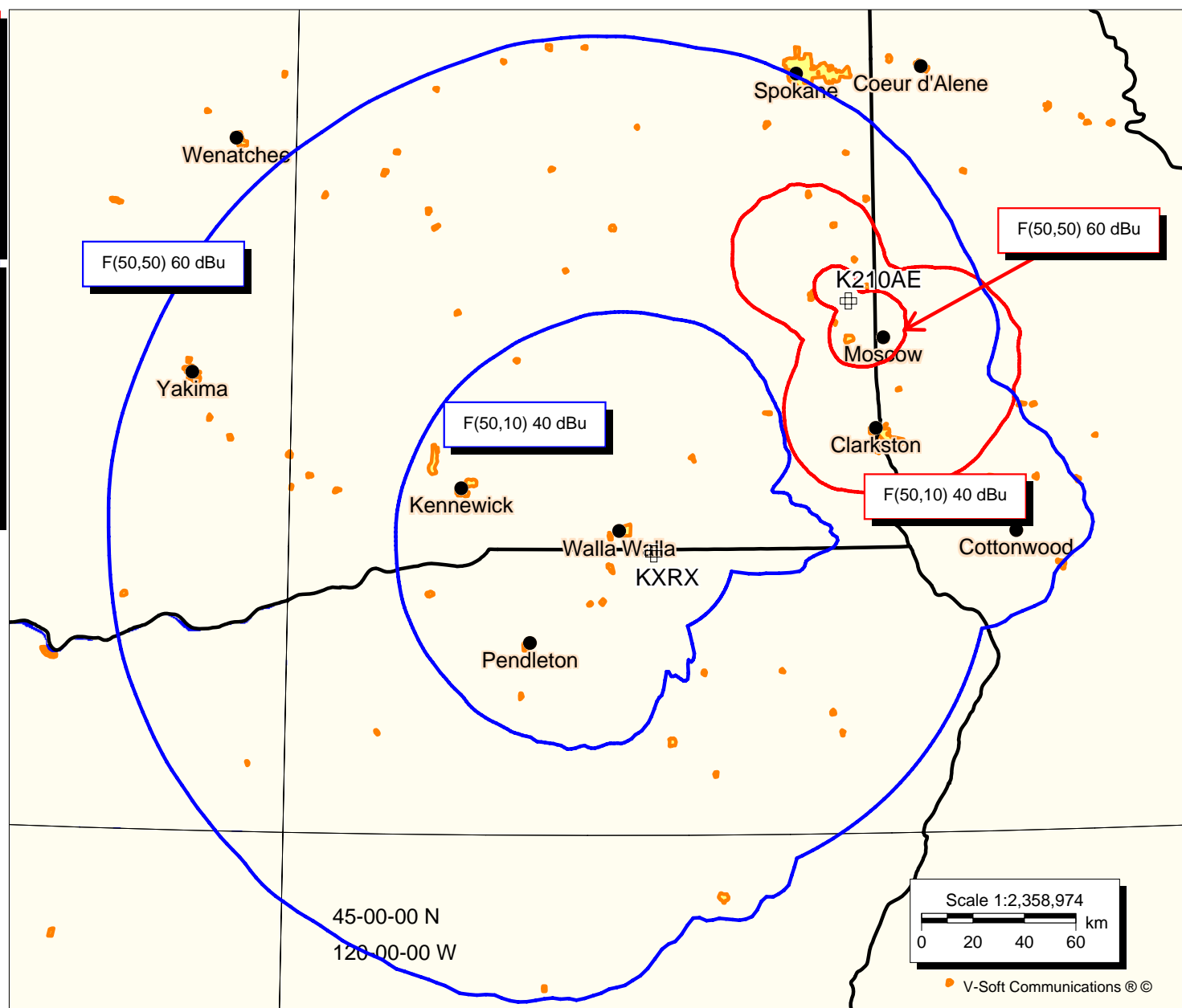
Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 2, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.

PROP K210AE

Latitude: 46-51-43 N
Longitude: 117-10-26 W
ERP: 0.50 kW
Channel: 246
Frequency: 97.1 MHz
AMSL Height: 1117.0 m
Elevation: 1086.0 m
HAAT: 346.0 m
Horiz. Pattern: Directional

KXRX

BLH20030908ACK
Latitude: 45-59-04 N
Longitude: 118-10-09 W
ERP: 100.00 kW
Channel: 246
Frequency: 97.1 MHz
AMSL Height: 1204.0 m
Elevation: 1175.0 m
HAAT: 405.0 m
Horiz. Pattern: Omni



K210AE

Latitude: 46-51-43 N
Longitude: 117-10-26 W
ERP: 0.50 kW
Channel: 246
Frequency: 97.1 MHz
AMSL Height: 1117.0 m
Elevation: 1086.0 m
HAAT: 346.0 m
Horiz. Pattern: Directional

K247AW App

BMPFT20100406ABG
Latitude: 46-27-22 N
Longitude: 117-02-56 W
ERP: 0.25 kW
Channel: 247
Frequency: 97.3 MHz
AMSL Height: 911.0 m
Elevation: 902.0 m
HAAT: 0.0 m
Horiz. Pattern: Directional

