

Part 1 - Channel Study

REFERENCE		CH# 213C3- 90.5 MHz, Pwr= 5 kW, HAAT= 176.0 M, COR= 1315 M								DISPLAY DATES	
44 04 40.0 N.		Average Protected F(50-50)= 35.3 km								DATA 03-08-16	
121 19 48.0 W.		Omni-directional								SEARCH 03-10-16	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
213A Bend	KVLB!	LIC	VX OR	0.0 0.0	0.00 BLED20061005AEA	44 04 40.0 121 19 48.0	1.400 193	94.1 1331	35.8 Educational Media Foundati	-139.2	-146.4
212D Sisters	K212AS!	LIC	DEN OR	316.9 136.6	41.90 BLFT19890203TA	44 21 07.0 121 41 24.0	0.092 -2	20.2 1240	13.4 Lane Community College	-18.0<	-30.4*<
210C2 Redmond	KKJA	LIC	CX OR	36.7 216.9	50.04 BLED20151006AAG	44 26 17.0 120 57 14.0	1.500 673	2.6 1734	54.4 Calvary Chapel Of Twin Fal	3.4	-8.1*<
215D Sunriver	K215ED!	LIC	C OR	211.6 31.5	26.60 BLFT20130918ACQ	43 52 26.0 121 30 14.0	0.050 90	0.5 1504	12.6 University Of Oregon	-1.2*<	11.3
211A La Pine	KKLP	LIC	VX OR	199.3 19.1	58.52 BLED20060519ACL	43 34 50.0 121 34 13.0	2.500 54	2.2 1394	23.9 Educational Media Foundati	27.6	31.9
212D Riley	K212AQ!	LIC	V OR	119.5 300.3	116.55 BLFT20111214ACZ	43 33 22.0 120 04 23.0	0.050 525	31.3 1934	20.8 Oregon Public Broadcasting	48.6	41.3
212C3 Welches	KXPC	LIC	CX OR	347.9 167.7	142.80 BLED20111005AIP	45 20 01.0 121 42 45.0	0.235 531	47.5 1877	30.4 Educational Media Foundati	52.0	48.0
214C1 Portland	KBOO	LIC	CY OR	326.0 145.1	190.39 BLED19910909KC	45 29 20.0 122 41 40.0	26.500 386	98.3 480	66.8 The Kboo Foundation	50.4	61.6
212D Oakridge	K212DO!	LIC	C OR	249.1 68.3	92.49 BLFT20030527AAI	43 46 35.0 122 24 13.0	0.010 364	10.8 1164	7.6 Pacific Cascade Communicat	66.7	62.5
267C1 Prineville	KURT<	CP	NCX OR	65.6 246.3	86.06 BNPH20151013AFH	44 23 32.7 120 20 44.1	15.900 591	20.5 2107	6.2 Rubin Broadcasting, Inc.	23.5R	62.6M

Terrain database is FCC 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= - Zone 2, Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.
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 restricted contour.
< = Station meets FCC minimum distance spacing for its class.
< = Contour Overlap

Part 2 - Request for Waiver of 47 C.F.R. Section 73.509

Educational Media Foundation ("EMF") desires to increase the power and service area of station KVLB, Bend, OR. EMF acknowledges that the proposed 100dbu(F50-10) contour is located entirely within the service contour of KKJA (see exhibit 18A).

KKJA, FID 92285, is operating on channel 210C2 which is 600khz from the proposed changes to KVLB. As noted in the KKJA granted license, file number BLED-20151006AAG:

Further modifications of station KVLB(FM), Facility ID No. 90581, Bend, Oregon will not be construed as a per se modification of KKJA(FM)'s authorization. (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991)). Applicant noted a discrepancy in the call sign and Facility ID number as listed in the KKJA license and has corrected that discrepancy in this paragraph.

EMF respectfully requests a waiver of the proposed 100dbu interfering contour overlap in regards to KKJA based on KKJA's agreement to accept interference received as stated in their respective modification application and as consequently stated in the KKJA license.

Exhibit 18A

KKJA
BLED20151006AAG
Latitude: 44-26-17 N
Longitude: 120-57-14 W
ERP: 1.50 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1734.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KVLB.P
BLED20061005AEA
Latitude: 44-04-40 N
Longitude: 121-19-48 W
ERP: 5.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 1315.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

