

Exhibit 17
KJEM Minor Modification
Prohibited Contour Overlap
Analysis and Request for Waiver
Washington State University

Table 18-1 of Exhibit 18 of this application shows that the predicted 60 dBμ (50,50) contour for the proposed KJEM facility will overlap the 100 dBμ (50,10) contours of KRFP(CP) and KUOI, creating prohibited overlap as defined in 47 CFR §73.509(a) of the Commission's rules. In addition, the predicted 60dBμ contour of KRFP(CP) will overlap the proposed facility's 100dBμ (50,10) contour, also creating prohibited overlap¹.

KRFP(CP) is authorized to serve Moscow, ID on channel 212 (2nd adjacent) while KUOI is licensed to serve Moscow, ID on channel 207 (3rd adjacent).

Figure 17-1 is a map showing the calculated service and overlapping contours of the proposed KJEM facility and the two other facilities.

As shown Figure 17-1, there will be prohibited overlap from the proposed KJEM facility's 100 dBμ contour ("overlap caused") with KRFP(CP)'s protected contour. This overlap already existed due to the grant of a "*Raleigh*" waiver on the existing authorization for KRFP, BMPED-20110621ACO. Special operating condition (13) on the KRFP Construction Permit allows for modification of our facility. Changes to this overlap area are tabulated here:

Prohibited Overlap with KRFP (CP) ("Overlap Caused")		
	Current Authorization	Proposed Facility
Area	4.08 km ²	5.04 km ²
Population	0	3

The remaining prohibited overlap to be considered is between the 100dBμ (50,10) contours of KRFP(CP) and KUOI with the proposed KJEM 60 dBμ (50,50) contour ("overlap received").

¹ The Commission has granted a waiver of 47 CFR §73.509 for the construction permit being modified by this application; refer to BNPED-20071022AVN. This exhibit is included to enable Commission staff to review justification for the continued need of a waiver in light of the facility modification specified in this application.

The Commission addressed a similar situation in *Educational Information Corporation*, 6 FCC Rcd 2207 (1991) (“Raleigh”) where it stated that it was “...inclined to grant waivers of second or third adjacent overlap in circumstances such as WCPE’s, where the benefit of increased noncommercial educational service so heavily outweighs the potential for interference in very small areas.”

As demonstrated by the data below, the applicant believes that a waiver of in 47 CFR §73.509 is justified and in the public interest with regard to received overlap from these two facilities.

Table 17-1 summarizes the additional population and land areas that would benefit from the proposed KJEM facility. As shown in this table an additional 24,031 persons would be encompassed by the facility’s 60 dBμ contour, representing a 72% increase in persons served. Additional coverage area would be 29 square kilometers, a 3.7% increase.

Also shown in Table 17-1, a total of 12,806 persons, or 22% of the 57,208 persons within the proposed 60 dBμ contour, would be within the overlap area, while 1.9 percent of the proposed coverage area would be affected. These numbers fit well within the delegated staff authority outlined in *Educational Information Corporation* of received overlap of up to 10% of area served.

A search of alternate frequencies was also performed to determine whether another channel could be utilized without the requirement of a waiver. Table 17-2 demonstrates that there are no other channels available to use for such a purpose.

As this data shows, the proposed facility modifications would provide significant public interest benefits through the increased availability of the noncommercial services provided by KJEM. In addition, there are no alternatives that would provide these benefits without the need for a waiver. For these reasons, the applicant requests a waiver of 47 CFR §73.509 with respect to this prohibited overlap.

The applicant acknowledges that any future modifications to KUOI or KRFP which increase the prohibited overlap received by KJEM would not be construed as a modification of the authorization for KJEM and that any construction permit granted in response to this application will include a special operating condition specifying the same.

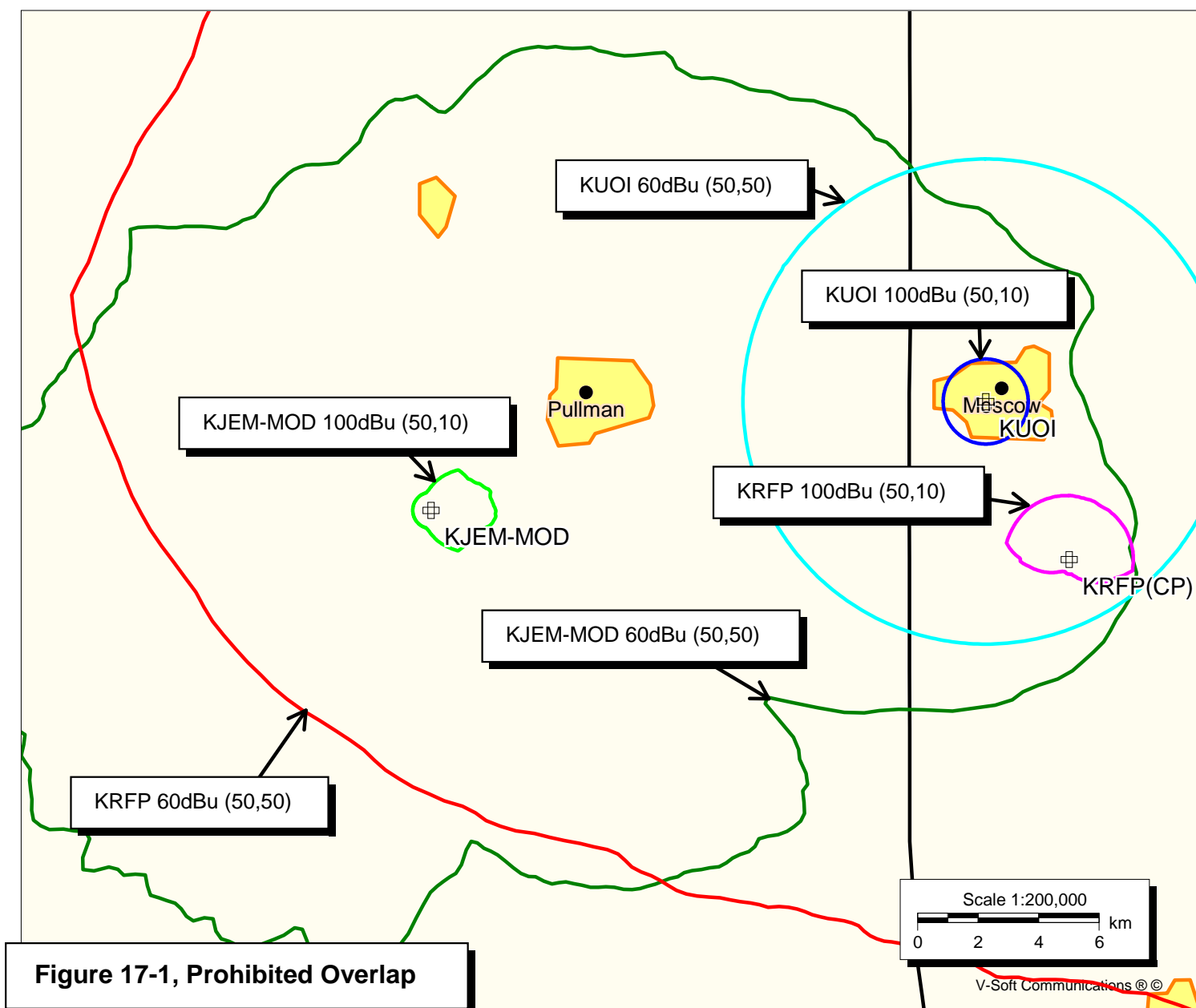


Table 17-1
Prohibited Received Overlap Summary
Proposed Modifications to KJEM
Washington State University

Present and Proposed Population and Area

	Population (2010 Census)		Area	
Facility	Persons	Pct Change	Sq km	Pct Change
Original CP (No Waiver)	33,177		779.96	
Present CP (Includes waiver of 73.509)	59,364		974.40	
Proposed	57,208	72.4	808.68	3.7
Net Gain from Original CP:	24,031		28.72	

Received Overlap Summary with respect to Current Proposal

	Population (2010 Census)		Area	
Facility	Persons	Pct	Sq km	Pct
KUOI (3rd Adjacent)	12,611	22.04	6.71	0.83
KRFP (2nd Adjacent)	195	0.34	8.40	1.04
Totals:	12,806	22.38	15.11	1.87

TABLE 17-2

CHANNEL PRECLUSION STUDY KJEM Minor Modification Washington State University Class= A , Pwr=2.3 kW DA, HAAT= 164 M, COR= 901 M Average Protected F(50-50)= 28.34 km Standard Directional											
REFERENCE 46 41 47. N. 117 14 44. W.										DISPLAY DATES DATA 08-21-13 SEARCH 08-21-13	
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*	
--- Channel 201 88.1 MHz. ---											
201A KUCC	Clarkston	CP _CX WA	134.9 315.2	36.69 BLED20101026ACO	46 27 47.0 116 54 25.0	0.670 138	31.1 753	9.2 Upper Columbia Media Assoc	-10.3	-27.1	
201A KUCC	Clarkston	LIC _CX WA	134.9 315.2	36.69 BLED20100528AED	46 27 47.0 116 54 25.0	0.240 138	23.5 753	7.0 Upper Columbia Media Assoc	-2.7	-24.8	
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6 Living Faith Fellowship Ed	-0.9	-11.4*	
255C KKZX«	Spokane	LIC _CN WA	357.8 177.8	99.75 BMLH19990302KA	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0 Capstar Tx Llc	28.5R	71.3M	
--- Channel 202 88.3 MHz. ---											
202C3 KWIS	Plummer	LIC DVX ID	29.6 210.0	80.86 BLED20111208CDG	47 19 37.0 116 42 55.0	2.400 288	98.8 1164	37.3 Coeur D'alene Tribe	-36.0*	-13.1	
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	35.4 1063	23.6 Living Faith Fellowship Ed	-34.6*	-28.6*	
255C KKZX«	Spokane	LIC _CN WA	357.8 177.8	99.75 BMLH19990302KA	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0 Capstar Tx Llc	28.5R	71.3M	
--- Channel 203 88.5 MHz. ---											
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	70.2 1063	23.6 Living Faith Fellowship Ed	-69.4*	-56.7*	
203D K203ER	Clarkston	LIC DV_ WA	146.2 326.4	37.31 BLFT20061023ACO	46 25 02.0 116 58 31.0	0.063 -195	3.2 343	1.6 Calvary Chapel of Twin Fal	19.1	-14.7	
--- Channel 204 88.7 MHz. ---											
204C1 KAGU	Spokane	LIC _CX WA	357.8 177.7	98.43 BLED20041119ADR	47 34 52.0 117 17 47.0	5.000 466	128.6 1187	52.7 Gonzaga University Telecom	-45.0*	-0.9	
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	35.4 1063	23.6 Living Faith Fellowship Ed	-34.6*	-28.6*	
204C3 KIYE	Kamiah	LIC DCX ID	127.3 307.9	80.94 BLED20120801AMM	46 15 09.0 116 24 36.0	15.000 94	90.1 1175	30.3 Nez Perce Tribe	-28.6*	-10.5	
258C KZZL-FM	Pullman	RSV-A _N WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0 Inland Northwest Broadcast	28.5R	-7.4M	
258C R15626	Pullman	DEL _ WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0 Alexandra Communications,	28.5R	-7.4M	
207A KUOI-FM	Moscow	LIC _VN ID	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University Of Idaho	-4.4*	8.6	
258C R15626	Pullman	ADD _ WA	93.6 273.9	27.38	46 40 49.0 116 53 18.0	100.000 600	0.0 1443	0.0 Alexandra Communications,	28.5R	-1.1M	
258C1 KZZL-FM	Pullman	LIC _CX WA	94.5 274.7	21.06 BMLH20020920AAD	46 40 52.0 116 58 16.0	81.000 323	0.0 1169	0.0 Inland Northwest Broadcast	21.5R	-0.44M	
--- Channel 205 88.9 MHz. ---											
205A KLCZ	Lewiston	LIC _CX ID	151.8 332.0	35.79 BLED20061108AAQ	46 24 45.0 117 01 31.0	0.230 -256	23.3 278	6.9 Lewis - Clark State Colleg	-2.1	-20.7	
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6 Living Faith Fellowship Ed	-0.9	-11.4*	
258C KZZL-FM	Pullman	RSV-A _N WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0 Inland Northwest Broadcast	28.5R	-7.4M	
258C R15626	Pullman	DEL _ WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0 Alexandra Communications,	28.5R	-7.4M	
207A KUOI-FM	Moscow	LIC _VN ID	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University Of Idaho	-4.4*	8.6	

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
258C Pullman	R15626	ADD WA	---	93.6 273.9	27.38	46 40 49.0 116 53 18.0	100.000 600	0.0 1443	0.0 Alexandra Communications,	28.5R	-1.1M
258C1 Pullman	KZZL-FM	LIC WA	_CX	94.5 274.7	21.06 BMLH20020920AAD	46 40 52.0 116 58 16.0	81.000 323	0.0 1169	0.0 Inland Northwest Broadcast	21.5R	-0.44M
--- Channel 206											
206C Richland	KFAE-FM	LIC WA	_E_	246.6 65.2	164.13 BLED20010726AAH	46 05 43.0 119 11 41.0	100.000 350	185.9 697	82.4 Washington State Universit	-38.7*	26.4
207A Moscow	KUOI-FM	LIC ID	_VN	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	11.4 817	8.0 University of Idaho	-14.4*	-23.7
203A Pullman	KRLF	LIC WA	_VX	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6 Living Faith Fellowship Ed	-0.9	-11.4*
206B Creston	R57532<	---	---	11.2 191.8	272.69	49 06 00.0 116 31 00.0	50.000 150	146.8 183	65.0 209.5R		63.2M
--- Channel 207											
207A Moscow	KUOI-FM	LIC ID	_VN	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	26.9 817	8.0 University of Idaho	-29.9*	-61.5
210A Pullman	KJEM	APP WA	DCX	0.0 0.0	0.00 BMPED20130705AAD	46 41 47.0 117 14 44.0	2.500 164	0.8 901	13.4 Washington State Universit	-14.1*	-14.2*
207A Asotin	KJCF	LIC WA	_CX	159.0 339.1	43.36 BLED20090121ADR	46 19 56.0 117 02 34.0	0.175 -100	38.9 426	6.5 Calvary Chapel of Twin Fal	-7.8	-12.6
210A Pullman	KJEM	CP WA	DCX	120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
208C1 Cheney	KEWU-FM	LIC WA	_CN	357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	85.3 1148	57.1 Eastern Washington Univers	-1.9	20.5
--- Channel 208											
208C1 Cheney	KEWU-FM	LIC WA	_CN	357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	136.3 1148	57.1 Eastern Washington Univers	-52.9*	-6.3
207A Moscow	KUOI-FM	LIC ID	_VN	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	11.4 817	8.0 University of Idaho	-14.4*	-23.7
210A Pullman	KJEM	APP WA	DCX	0.0 0.0	0.00 BMPED20130705AAD	46 41 47.0 117 14 44.0	2.500 164	0.8 901	13.4 Washington State Universit	-14.1*	-14.2*
210A Pullman	KJEM	CP WA	DCX	120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
--- Channel 209											
210A Pullman	KJEM	APP WA	DCX	0.0 0.0	0.00 BMPED20130705AAD	46 41 47.0 117 14 44.0	2.500 164	20.2 901	13.4 Washington State Universit	-33.5*	-33.4*
210A Pullman	KJEM	CP WA	DCX	120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	32.9 1064	22.1 Washington State Universit	-32.2*	-27.1*
209A West Clarkston	KAUC	LIC WA	_CX	147.6 327.8	33.90 BLED20100625ALC	46 26 20.0 117 00 31.0	0.500 -185	28.5 374	8.5 Upper Columbia Media Corpo	-9.6	-26.1
209C2 Walla Walla	KWWS	LIC WA	_CN	222.2 41.5	106.37 BLED19970609KE	45 59 04.0 118 10 08.0	3.200 410	109.7 1206	41.3 Washington State Universit	-17.2*	7.2
209C1 Walla Walla	KWWS	CP WA	DCX	222.2 41.5	106.37 BPED20121102ADR	45 59 04.6 118 10 09.1	10.300 418	114.4 1201	40.0 Washington State Universit	-17.2*	4.0
212C3 Moscow	KRFP	CP ID	DCX	94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	1.7 1146	31.2 Radio Free Moscow, Inc.	-3.9*	-12.2*
207A Moscow	KUOI-FM	LIC ID	_VN	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University of Idaho	-4.4*	8.6
208C1 Cheney	KEWU-FM	LIC WA	_CN	357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	85.3 1148	57.1 Eastern Washington Univers	-1.9	20.5
263C3 Troy	KQZB<	LIC ID	NCX	62.8 243.0	28.22 BLH20080522ABE	46 48 42.0 116 54 59.0	0.900 487	0.0 1389	0.0 Pacific Empire Radio Corp	11.5R	16.7M

CH CALL		TYPE ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	Page # 3		
CITY		STATE	<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	*IN*	*OUT*	

--- Channel 210 89.9 MHz. ---											
210A KJEM	Pullman	CP DCX	120.1	13.79	46 38 03.4	0.300	66.7	22.1	-66.2*	-55.3*	
		WA	300.2	BMPED20121207AAE	117 05 22.1	246	1064	Washington State Universit			
210A KJEM	Pullman	APP DCX	0.0	0.00	46 41 47.0	2.500	44.6	13.4	-58.0*	-57.7*	
		WA	0.0	BMPED20130705AAD	117 14 44.0	164	901	Washington State Universit			
212C3 KRFP	Moscow	CP DCX	94.4	21.12	46 40 54.0	1.100	1.7	31.2	-3.9*	-12.2*	
		ID	274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
207A KUOI-FM	Moscow	LIC _VN	78.8	18.65	46 43 43.0	0.400	1.4	8.0	-4.4*	8.6	
		ID	259.0	BLED19950227KB	117 00 22.0	-35	817	University of Idaho			
263C3 KQZB«	Troy	LIC NCX	62.8	28.22	46 48 42.0	0.900	0.0	0.0	11.5R	16.7M	
		ID	243.0	BLH20080522ABE	116 54 59.0	487	1389	Pacific Empire Radio Corp			
--- Channel 211 90.1 MHz. ---											
212C3 KRFP	Moscow	CP DCX	94.4	21.12	46 40 54.0	1.100	47.2	31.2	-49.4*	-45.0*	
		ID	274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
210A KJEM	Pullman	APP DCX	0.0	0.00	46 41 47.0	2.500	20.2	13.4	-33.5*	-33.4*	
		WA	0.0	BMPED20130705AAD	117 14 44.0	164	901	Washington State Universit			
210A KJEM	Pullman	CP DCX	120.1	13.79	46 38 03.4	0.300	32.9	22.1	-32.2*	-27.1*	
		WA	300.2	BMPED20121207AAE	117 05 22.1	246	1064	Washington State Universit			
211C2 KNWO	Cottonwood	CP _CX	139.1	92.01	46 04 09.0	0.550	96.7	33.9	-21.4*	3.6	
		ID	319.6	BPED20100804AAZ	116 27 54.0	616	1759	Washington State Universit			
214A KZUU	Pullman	LIC _CX	59.1	7.47	46 43 51.0	0.420	1.4	9.5	-13.8*	-3.7*	
		WA	239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
211C1 KOLU	Pasco	CP _CX	245.8	162.31	46 04 59.0	39.000	158.7	67.9	-13.3	38.9	
		WA	64.4	BPED20111129CLD	119 09 38.0	305	648	Riverview Baptist Christia			
211C3 KNWO	Cottonwood	LIC _CN	139.1	92.01	46 04 09.0	0.250	85.5	27.9	-10.2	10.0	
		ID	319.6	BLED19940207KA	116 27 54.0	612	1759	Washington State Universit			
265D K265AP«	Lewiston	LIC _CN	146.0	31.46	46 27 42.0	0.108	0.0	0.0	9.5R	22.0M	
		ID	326.2	BLFT19811116IB	117 00 58.0	229	832	Alacca Bible Conference			
--- Channel 212 90.3 MHz. ---											
212C3 KRFP	Moscow	CP DCX	94.4	21.12	46 40 54.0	1.100	86.0	31.2	-88.2*	-82.8*	
		ID	274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
213A KNWV	Clarkston	LIC _CX	157.2	28.83	46 27 26.0	0.420	40.0	10.5	-22.1*	-11.1	
		WA	337.4	BLED20090312ABV	117 06 00.0	322	908	Washington State Universit			
210A KJEM	Pullman	APP DCX	0.0	0.00	46 41 47.0	2.500	0.8	13.4	-14.1*	-14.2*	
		WA	0.0	BMPED20130705AAD	117 14 44.0	164	901	Washington State Universit			
214A KZUU	Pullman	LIC _CX	59.1	7.47	46 43 51.0	0.420	1.4	9.5	-13.8*	-3.7*	
		WA	239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
210A KJEM	Pullman	CP DCX	120.1	13.79	46 38 03.4	0.300	1.2	22.1	-0.7	-9.9*	
		WA	300.2	BMPED20121207AAE	117 05 22.1	246	1064	Washington State Universit			
213A KNWV	Clarkston	CP DCX	157.2	28.83	46 27 26.0	0.420	21.4	4.4	-3.4	-4.4	
		WA	337.4	BPED20100910ADU	117 06 00.0	322	908	Washington State Universit			
265D K265AP«	Lewiston	LIC _CN	146.0	31.46	46 27 42.0	0.108	0.0	0.0	9.5R	22.0M	
		ID	326.2	BLFT19811116IB	117 00 58.0	229	832	Alacca Bible Conference			
266C KEYF-FM«	Cheney	LIC _C_	357.8	99.75	47 35 35.0	100.000	0.0	0.0	28.5R	71.3M	
		WA	177.8	BMLH19990219KD	117 17 46.0	490	1196	Mapleton License Of Spokan			
--- Channel 213 90.5 MHz. ---											
213A KNWV	Clarkston	LIC _CX	157.2	28.83	46 27 26.0	0.420	76.8	10.5	-58.9*	-39.1	
		WA	337.4	BLED20090312ABV	117 06 00.0	322	908	Washington State Universit			
212C3 KRFP	Moscow	CP DCX	94.4	21.12	46 40 54.0	1.100	47.2	31.2	-49.4*	-45.0*	
		ID	274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
213A KNWV	Clarkston	CP DCX	157.2	28.83	46 27 26.0	0.420	51.4	4.4	-30.0*	-31.4	
		WA	337.4	BPED20100910ADU	117 06 00.0	322	908	Washington State Universit			
214A KZUU	Pullman	LIC _CX	59.1	7.47	46 43 51.0	0.420	13.2	9.5	-25.6*	-31.1*	
		WA	239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
210A KJEM	Pullman	APP DCX	0.0	0.00	46 41 47.0	2.500	0.8	13.4	-14.1*	-14.2*	
		WA	0.0	BMPED20130705AAD	117 14 44.0	164	901	Washington State Universit			

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 4 *IN* (Overlap in km)		
210A	KJEM	CP DCX		120.1	13.79	46 38 03.4	0.300	1.2	22.1	-0.7	-9.9*	
Pullman		WA		300.2	BMPED20121207AAE	117 05 22.1	246	1064	Washington State Universit			
266C	KEYF-FM«	LIC _CX		357.8	99.75	47 35 35.0	100.000	0.0	0.0	28.5R	71.3M	
Cheney		WA		177.8	BMLH19990219KD	117 17 46.0	490	1196	Mapleton License Of Spokan			
--- Channel 214 90.7 MHz. ---												
214A	KZUU	LIC _CX		59.1	7.47	46 43 51.0	0.420	31.8	9.5	-44.1*	-65.4*	
Pullman		WA		239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
213A	KNWV	LIC _CX		157.2	28.83	46 27 26.0	0.420	40.0	10.5	-22.1*	-11.1	
Clarkston		WA		337.4	BLED20090312ABV	117 06 00.0	322	908	Washington State Universit			
212C3	KRFP	CP DCX		94.4	21.12	46 40 54.0	1.100	1.7	31.2	-3.9*	-12.2*	
Moscow		ID		274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
213A	KNWV	CP DCX		157.2	28.83	46 27 26.0	0.420	21.4	4.4	-3.4	-4.4	
Clarkston		WA		337.4	BPED20100910ADU	117 06 00.0	322	908	Washington State Universit			
268C1	KATW«	LIC _CN		146.2	31.54	46 27 38.0	100.000	0.0	0.0	21.5R	10.0M	
Lewiston		ID		326.4	BLH19851010KC	117 01 00.0	258	850	Pacific Empire Radio Corpo			
--- Channel 215 90.9 MHz. ---												
216C	KPBX-FM	LIC _CN		7.1	97.92	47 34 13.0	56.000	134.8	91.7	-52.6*	-19.7	
Spokane		WA		187.3	BMLD19831028AB	117 05 00.0	725	1571	Spokane Public Radio, Inc.			
214A	KZUU	LIC _CX		59.1	7.47	46 43 51.0	0.420	13.2	9.5	-25.6*	-31.1*	
Pullman		WA		239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
215C1	KKRH	LIC _CX		136.7	126.83	45 51 42.0	1.900	135.6	58.4	-26.4*	14.2	
Grangeville		ID		317.5	BLED20110330ACC	116 07 25.0	709	1883	Calvary Chapel Of Grangevi			
212C3	KRFP	CP DCX		94.4	21.12	46 40 54.0	1.100	1.7	31.2	-3.9*	-12.2*	
Moscow		ID		274.6	BMPED20110621ACO	116 58 13.0	302	1146	Radio Free Moscow, Inc.			
268C1	KATW«	LIC _CN		146.2	31.54	46 27 38.0	100.000	0.0	0.0	21.5R	10.0M	
Lewiston		ID		326.4	BLH19851010KC	117 01 00.0	258	850	Pacific Empire Radio Corpo			
--- Channel 216 91.1 MHz. ---												
216C	KPBX-FM	LIC _CN		7.1	97.92	47 34 13.0	56.000	194.7	91.7	-112.5*	-54.0	
Spokane		WA		187.3	BMLD19831028AB	117 05 00.0	725	1571	Spokane Public Radio, Inc.			
219C1	KRFA-FM	LIC _VX		94.4	21.12	46 40 54.0	28.000	7.3	61.7	-9.5*	-42.7*	
Moscow		ID		274.6	BLED20090312ABT	116 58 13.0	282	1128	Washington State Universit			
214A	KZUU	LIC _CX		59.1	7.47	46 43 51.0	0.420	1.4	9.5	-13.8*	-3.7*	
Pullman		WA		239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
--- Channel 217 91.3 MHz. ---												
216C	KPBX-FM	LIC _CN		7.1	97.92	47 34 13.0	56.000	134.8	91.7	-52.6*	-19.7	
Spokane		WA		187.3	BMLD19831028AB	117 05 00.0	725	1571	Spokane Public Radio, Inc.			
219C1	KRFA-FM	LIC _VX		94.4	21.12	46 40 54.0	28.000	7.3	61.7	-9.5*	-42.7*	
Moscow		ID		274.6	BLED20090312ABT	116 58 13.0	282	1128	Washington State Universit			
217C2	KGTS	LIC _CX		222.5	106.31	45 59 20.0	7.000	122.9	45.7	-25.9*	2.0	
College Place		WA		41.9	BLED20021217ABR	118 10 29.0	381	1139	walla walla University			
217D	K217GA	LIC DC_		157.2	28.83	46 27 26.0	0.065	20.0	2.3	-2.1	-20.9	
Clarkston		WA		337.4	BLFT20110930AQG	117 06 00.0		898	Washington State Universit			
214A	KZUU	LIC _CX		59.1	7.47	46 43 51.0	0.420	1.4	9.5	-13.8*	-3.7*	
Pullman		WA		239.1	BLED20090210AAL	117 09 42.0	30	821	Washington State Universit			
--- Channel 218 91.5 MHz. ---												
219C1	KRFA-FM	LIC _VX		94.4	21.12	46 40 54.0	28.000	90.2	61.7	-92.4*	-75.6*	
Moscow		ID		274.6	BLED20090312ABT	116 58 13.0	282	1128	Washington State Universit			
--- Channel 219 91.7 MHz. ---												
219C1	KRFA-FM	LIC _VX		94.4	21.12	46 40 54.0	28.000	145.3	61.7	-147.5*	-113.4*	
Moscow		ID		274.6	BLED20090312ABT	116 58 13.0	282	1128	Washington State Universit			

Page # 5											
CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
273C3 Colfax	KRAO-FM«	LIC _CN WA		16.8 196.9	19.26 BLH19941028KB	46 51 44.0 117 10 20.0	2.200 329	0.0 1106	0.0 Inland Northwest	11.5R	7.8M Broadcast
--- Channel 220 91.9 MHz. ---											
219C1 Moscow	KRFA-FM	LIC _VX ID		94.4 274.6	21.12 BLED20090312ABT	46 40 54.0 116 58 13.0	28.000 282	90.2 1128	61.7	-92.4*	-75.6*
223L1 Moscow	KRFP-LP	LIC ____ ID		77.8 258.0	19.15 BLL20041021AFH	46 43 57.0 117 00 02.0	0.100 -5	0.7 819	5.6	-3.2*	11.5 Radio Free Moscow, Inc.
221D Lewiston	K221FW	CP _C_ ID		150.4 330.5	30.76 BNPFT20130304AAQ	46 27 21.0 117 02 50.0	0.099	14.6 918	9.1	1.5	-1.3 Radio Assist Ministry, Inc
273C3 Colfax	KRAO-FM«	LIC _CN WA		16.8 196.9	19.26 BLH19941028KB	46 51 44.0 117 10 20.0	2.200 329	0.0 1106	0.0 Inland Northwest	11.5R	7.8M Broadcast

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin KM
In & Out distances between contours are shown at closest points. Reference Zone= - Zone 2
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.
« = Station meets FCC minimum distance spacing for its class.

Reference station has protected zone issue:
All separation margins include rounding