

Channel Study

REFERENCE 46 53 15.0 N. 120 26 29.0 W.		CH# 203D - 88.5 MHz, Pwr= 0.066 kW, HAAT= 393.2 M, COR= 1026 M Average Protected F(50-50)= 18.5 km								DISPLAY DATES DATA 04-30-09 SEARCH 04-30-09	
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*
203D Ellensburg	K203EN	LIC	C WA	312.2 131.9	28.68 BLFT20070403ABN	47 03 36.0 120 43 18.0	0.092 -	39.6 661	11.7 Educational Media Foundati	-32.50*	-53.08
203A Yakima	KYVT	LIC	CN WA	191.1 11.1	34.27 BLED19800908AE	46 35 06.0 120 31 41.0	3.000 -78	53.3 341	13.2 Yakima District No. 7	-20.61*	10.50
201A Ellensburg	KCWU	LIC	CN WA	336.9 156.9	14.31 BLED19990510KE	47 00 21.0 120 30 55.0	0.500 -59	1.6 547	8.5 Trustees Of Central Washin	-8.29*	5.27
204C2 Soap Lake	1208560	APP	DCX WA	53.7 234.3	79.08 BNPED20071018AKA	47 18 18.0 119 35 53.0	7.500 195	67.7 703	45.7 Northwest Communities Educ	9.90	30.44
205A Ellensburg	KCSH	LIC	CX WA	322.0 141.7	39.60 BLED20011026AAA	47 10 02.0 120 45 50.0	0.380 167	1.4 1013	28.6 Lifetalk Radio, Inc.	16.20	10.45
203C Tacoma	KPLU-FM	LIC	DC WA	301.2 120.0	134.90 BLED20080715ADJ	47 30 14.0 121 58 29.0	68.000 707	103.1 940	39.8 Pacific Lutheran Universit	13.31	34.38
203C Tacoma	KPLU-FM	LIC	DCY WA	301.2 120.0	134.90 BLED19890925KA	47 30 14.0 121 58 29.0	58.000 714	100.6 940	38.5 Pacific Lutheran Universit	15.84	35.66
202A Nile	KSBC	CP	CX WA	261.2 80.8	38.26 BPED20060601AQJ	46 50 02.0 120 56 13.0	0.200 -349	9.6 690	6.7 Educational Media Foundati	19.26	18.41
204C3 Moses Lake	1211817	APP	VX WA	53.7 234.3	79.07 BNPED20071022AAE	47 18 17.5 119 35 52.9	2.500 204	55.7 712	37.3 Divine Mercy Broadcasting	21.82	38.75
202C3 Moses Lake	KMLW	LIC	CN WA	85.1 265.9	77.43 BLED19970512KC	46 56 31.0 119 25 41.0	4.000 207	49.5 527	33.1 The Moody Bible Institute	26.36	41.50
201A Nile	KSBC	LIC	CX WA	261.2 80.8	38.26 BMLLED20070820AGN	46 50 02.0 120 56 13.0	0.200 -349	1.0 690	6.7 Educational Media Foundati	27.87	31.32
204D Wenatchee	K204DD	LIC	C WA	12.0 192.1	55.87 BLFT20011022AAF	47 22 44.0 120 17 14.0	0.012 -35	4.7 661	3.3 Educational Media Foundati	36.43	29.93
201A Union Gap	NEW	CP	DCX WA	168.5 348.6	41.43 BNPED20071022ARP	46 31 20.0 120 20 01.0	0.100 247	0.6 689	10.3 Catholics In Action	38.81	31.14
201D Yakima	K201AS	LIC	DVN WA	175.7 355.7	41.31 BLFT19920131TB	46 31 01.0 120 24 02.0	0.050 296	0.3 642	8.3 West Valley Translator Ass	39.08	33.03
201A East Wenatchee	KLUW	LIC	CX WA	11.9 192.0	56.10 BLED20080328AHK	47 22 52.0 120 17 16.0	0.600 -40	1.6 622	8.9 Educational Media Foundati	39.68	46.88
204A Granger	1212122	APP	VX WA	163.3 343.5	63.74 BNPED20071015AAJ	46 20 17.0 120 12 12.3	2.000 -15	17.4 258	12.0 First Spanish Assembly Of G	44.27	47.93
204D Hanford	K204DH	LIC	C WA	136.5 317.0	67.20 BLFT19991006AAY	46 26 52.0 119 50 20.0	0.003 604	14.1 1136	9.0 Calvary Chapel Of Twin Fal	51.01	54.42
06NT Baker Flats, Ect	K59BF	CP	D N WA	7.7 187.8	68.00 BDISTTV20080225AAD	47 29 37.0 120 19 14.0	0.010 527	13.4 727	3.6 Apple Valley Tv Associatio	142.5R	51.0M
206C Richland	KFAE-FM	LIC	E WA	132.3 313.2	130.06 BLED20010726AAH	46 05 43.0 119 11 41.0	100.000 350	10.9 697	76.2 Washington State Universit	117.07	53.86
06NT Baker Flats Area	K59BF	LI	DHN WA	7.7 187.8	68.00 BLTTV20081112AAY	47 29 37.0 120 19 14.0	0.010 521	13.4 721	0.4 Apple Valley Tv Associatio	142.5R	54.2M

Educational Media Foundation

Exhibit 12

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Ellensburg, WA

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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*
203C2 Milton-freewater	KLRF	LIC OR	C OR	124.6 306.2	208.39 BLED20001220ABZ	45 48 12.0 118 13 59.0	7.400 251	146.0 1239	63.6 Lifetalk Radio, Inc.	60.39	134.68
201A Sunnyside	KAYB	LIC WA	CN WA	152.0 332.3	69.95 BLED19971003KD	46 19 53.0 120 00 51.0	0.250 -58	1.1 256	7.1 American Family Associatio	66.75	62.84
201D Sunnyside	K201DD	LIC WA	CN WA	152.0 332.3	69.95 BLFT19960716TC	46 19 53.0 120 00 51.0	0.050 -31	0.5 256	4.7 American Family Associatio	67.36	65.22
202A Manson	KPLK	CP WA	DCX WA	10.8 191.0	109.49 BNPED20071018ASK	47 51 16.0 120 09 59.0	0.380 152	28.1 896	18.5 Pacific Lutheran Universit	66.32	67.88
06+T The Dalles	K06NI	LI OR	N OR	201.9 21.4	140.63 BLTVL20050309ACR	45 42 43.0 121 06 58.0	0.250 807	1.3 977	25.6 Michael Mattson	142.5R	113.7M

Terrain database is NGDC 30 SEC Distance + R = 73.215 or FCC spacings in KM, Distance + M = Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 2. With 3rd Adj
Channels.

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.