

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 18

Lebanon, OR

## Channel Study

REFERENCE CH# 201C3- 88.1 MHz, Pwr= 0.16 kW DA, HAAT= 770.0 M, COR= 1261 M DISPLAY DATES  
44 28 59.0 N. Average Protected F(50-50)= 33.1 km DATA 06-25-15  
122 34 55.0 W. Standard Directional SEARCH 06-25-15

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*
201C3 Lebanon	KGRI!	LIC	DEX OR	0.0 0.0	0.00 BMLED20120608ACW	44 28 59.0 122 34 55.0	0.170 754	81.0 1245	26.6 Educational Media Foundati	-107.6	-107.8
201C3 Lebanon	KGRI!	CP	DEX OR	90.0 270.0	0.02 BPED20150323ABD	44 28 59.0 122 34 54.0	0.170 757	77.4 1248	23.8 Educational Media Foundati	-100.1	-98.3
201C2 Glenden Beach	KQOC	LIC	DCX OR	285.2 104.2	120.24 BLED20130107AAC	44 45 23.0 124 02 52.0	6.500 317	88.6 369	32.6 All Classical Public Media	3.5	1.4
201A Eugene	KWVA	LIC	DCX OR	223.5 43.1	61.31 BLED20100819ABH	44 04 55.0 123 06 34.0	1.000 54	13.4 232	4.2 Associated Students Of The	35.2	3.8
203A Turner	KMUZ	LIC	DCX OR	315.7 135.4	46.80 BLED20111129ABU	44 46 60.0 122 59 44.0	0.032 242	0.4 352	12.1 Willamette Information, Ne	12.9	33.9
201C2 Bend	KLBR	LIC	DCX OR	119.7 300.4	96.93 BLED20051012ADB	44 02 49.0 121 31 50.0	5.000 259	28.5 1827	8.5 Lane Community College	44.8	13.0
202C2 Portland	KBVM	LIC	CX OR	354.1 174.0	115.42 BLED20060221ADR	45 30 58.0 122 43 59.0	3.500 437	71.0 528	47.1 Catholic Broadcasting Nort	15.6	23.4
204A Corvallis	KBVR	LIC	CN OR	279.5 99.0	55.82 BLED19810209AS	44 33 50.0 123 16 30.0	0.340 -25	1.3 116	10.0 Oregon State University	27.9	45.3
201C2 The Dalles	KQHR	LIC	DCX OR	32.7 213.5	164.54 BLED20120315ADV	45 43 19.0 121 26 14.0	4.000 340	96.9 698	36.1 All Classical Public Media	46.2	62.4
204C1 Sandy	KZRI	LIC	CX OR	35.6 216.2	116.82 BLED20111005AJI	45 20 01.0 121 42 45.0	3.700 531	3.9 1877	61.6 Educational Media Foundati	91.4	54.4
201A Florence	KLFO	LIC	CX OR	244.3 63.3	132.77 BLED20050824ABL	43 57 26.0 124 04 26.0	0.250 167	52.2 254	16.1 Lane Community College	64.5	57.0
203C2 Junction City	KPIJ	LIC	DCX OR	254.6 73.9	83.77 BLED20080626ABB	44 16 44.0 123 35 38.0	0.550 705	0.6 1041	24.0 Calvary Chapel Of Twin Fal	63.9	59.5
203A Oakridge	KAVE	LIC	HX OR	172.5 352.6	83.17 BLED20040220AAO	43 44 27.0 122 26 50.0	0.400 -392	1.4 399	8.0 Lane County School Distric	61.3	74.8
202A Cottage Grove	DKCGO	LIC	CX OR	206.0 25.6	90.33 BLED20130613AAA	43 45 06.0 123 04 29.0	0.100 -89	8.0 245	5.6 Western Oregon Opry, Ltd.	69.2	61.8

Terrain database is 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.

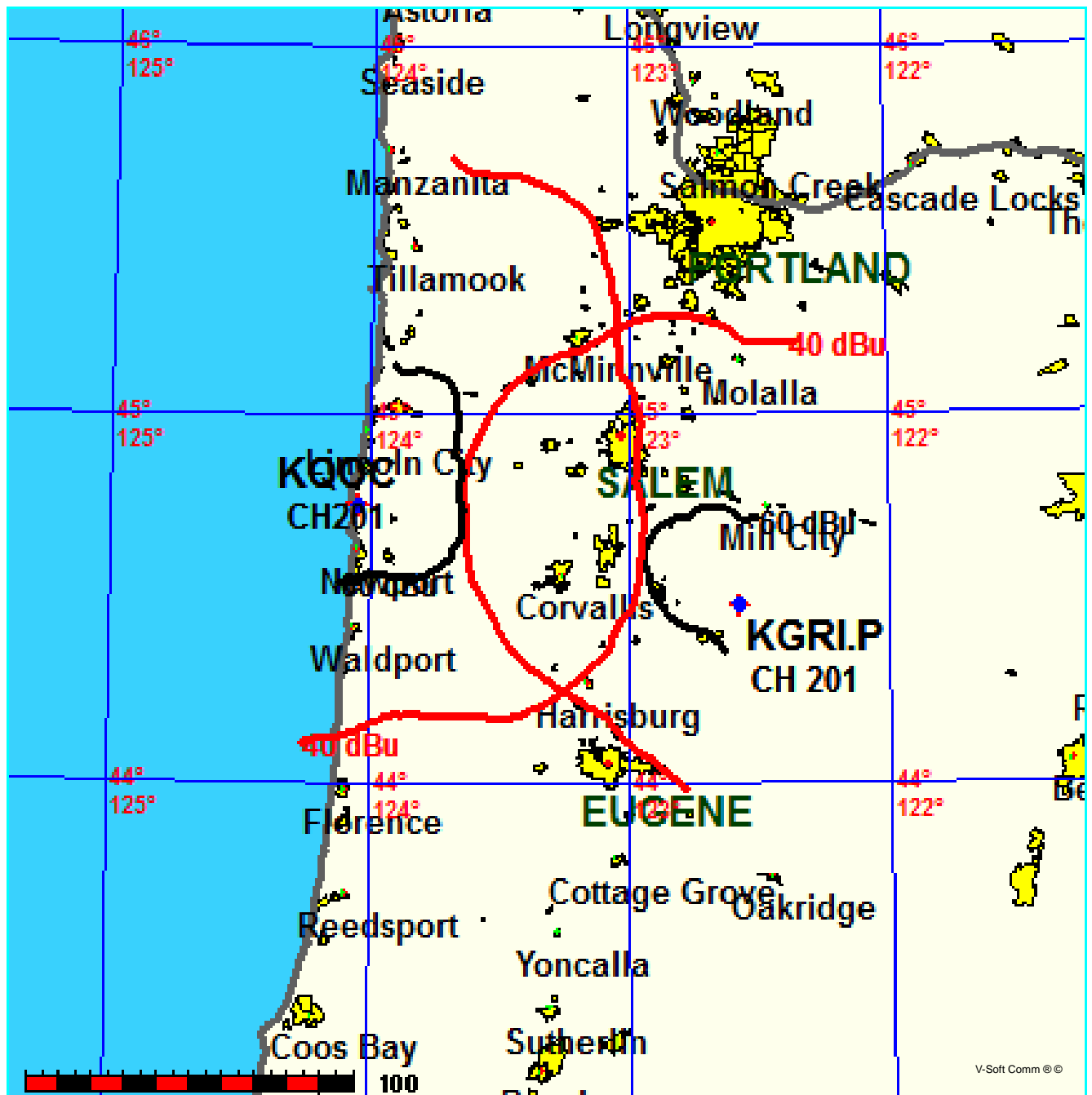
All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
« = Station meets FCC minimum distance spacing for its class.

Exhibit 18-A

FMCommander Single Allocation Study - 06-25-2015 - NGDC 30 SEC  
KGRI.P's Overlaps (In= 3.53 km, Out= 1.42 km)

KGRI.P CH 201 C3 DA  
Lat= 44 28 59.0, Lng= 122 34 55.0  
0.16 kW 770 M HAAT, 1261 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

KQOC CH 201 C2 DA BLED20130107AAC  
Lat= 44 45 23.0, Lng= 124 02 52.0  
6.5 kW 317 M HAAT, 369 M COR  
Prot.= 60 dBu, Intef.= 40 dBu



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Exhibit 18-A

Lebanon, OR

## KQOC vs. KGRI.P

06-25-2015      Terrain Data: NGDC 30 SEC      FMOver Analysis

KGRI . P

KQOC BLED20130107AAC

Channel = 201C3  
Max ERP = 0.16 kW  
RCAMSL = 1261 M  
N. Lat. 44 28 59.0  
W. Lng. 122 34 55.0  
Protected  
60 dBu

Channel = 201C2  
Max ERP = 6.5 kW  
RCAMSL = 369 M  
N. Lat. 44 45 23.0  
W. Lng. 124 02 52.0  
Interfering  
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
285.0	000.0647	0883.4	028.1	104.2	001.6315	0259.1	092.1	38.90	
286.0	000.0678	0876.1	028.3	103.9	001.6315	0258.5	091.9	38.95	
287.0	000.0708	0869.0	028.5	103.6	001.6315	0257.7	091.7	38.98	
288.0	000.0740	0863.7	028.8	103.3	001.6315	0256.7	091.5	39.02	
289.0	000.0771	0861.6	029.0	103.0	001.6315	0255.7	091.2	39.06	
290.0	000.0804	0861.6	029.4	102.6	001.6315	0254.6	090.9	39.12	
291.0	000.0846	0863.0	029.8	102.3	001.6315	0253.6	090.6	39.19	
292.0	000.0890	0865.4	030.2	101.9	001.6315	0252.6	090.2	39.28	
293.0	000.0934	0867.1	030.7	101.5	001.6315	0251.8	089.9	39.36	
294.0	000.0978	0866.8	031.0	101.1	001.6315	0251.3	089.6	39.43	
295.0	000.1027	0863.8	031.4	100.7	001.6315	0251.3	089.4	39.50	
296.0	000.1073	0859.0	031.7	100.3	001.6315	0252.1	089.2	39.57	
297.0	000.1121	0853.3	031.9	099.9	001.6297	0253.2	089.1	39.64	
298.0	000.1170	0847.8	032.2	099.6	001.6158	0254.1	089.0	39.66	
299.0	000.1222	0842.3	032.5	099.2	001.6018	0254.5	089.0	39.66	
300.0	000.1273	0836.6	032.7	098.8	001.5879	0254.6	088.9	39.64	
301.0	000.1305	0830.5	032.8	098.4	001.5754	0254.7	089.1	39.56	
302.0	000.1337	0824.7	032.9	098.0	001.5629	0254.8	089.2	39.49	
303.0	000.1366	0819.8	033.0	097.7	001.5505	0254.9	089.4	39.41	
304.0	000.1399	0816.5	033.1	097.3	001.5378	0255.3	089.5	39.34	
305.0	000.1432	0814.1	033.3	096.9	001.5249	0255.7	089.6	39.28	
306.0	000.1465	0811.8	033.4	096.5	001.5121	0256.1	089.7	39.22	
307.0	000.1499	0808.3	033.5	096.2	001.4998	0256.8	089.9	39.15	
308.0	000.1530	0803.4	033.6	095.8	001.4883	0258.1	090.2	39.08	
309.0	000.1565	0797.5	033.7	095.5	001.4770	0259.4	090.4	39.00	
310.0	000.1600	0791.9	033.7	095.2	001.4659	0260.7	090.7	38.92	

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Exhibit 18-A

Lebanon, OR

## KGRI.P vs. KQOC

06-25-2015 Terrain Data: NGDC 30 SEC FMOver Analysis

KQOC BLED20130107AAC

KGRI.P

Channel = 201C2  
Max ERP = 6.5 kW  
RCAMSL = 369 M  
N. Lat. 44 45 23.0  
W. Lng. 124 02 52.0  
Protected  
60 dBu

Channel = 201C3  
Max ERP = 0.16 kW  
RCAMSL = 1261 M  
N. Lat. 44 28 59.0  
W. Lng. 122 34 55.0  
Interfering  
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
065.0	002.0823	0239.8	033.3	297.8	000.1160	0848.8	096.6	38.92	
066.0	001.9878	0249.1	033.6	297.7	000.1155	0849.4	096.0	39.09	
067.0	001.8954	0256.9	033.7	297.5	000.1146	0850.4	095.5	39.23	
068.0	001.8052	0261.3	033.6	297.2	000.1133	0851.9	095.1	39.31	
069.0	001.7173	0264.9	033.4	296.9	000.1117	0853.7	094.8	39.37	
070.0	001.6315	0269.2	033.3	296.6	000.1103	0855.5	094.5	39.43	
071.0	001.5965	0274.2	033.4	296.4	000.1094	0856.6	094.0	39.56	
072.0	001.5619	0278.7	033.5	296.2	000.1083	0857.8	093.5	39.68	
073.0	001.5277	0280.4	033.4	295.9	000.1069	0859.4	093.2	39.74	
074.0	001.4939	0280.0	033.2	295.6	000.1053	0861.2	092.9	39.77	
075.0	001.4604	0275.8	032.8	295.1	000.1032	0863.3	092.9	39.72	
076.0	001.4273	0271.3	032.3	294.7	000.1011	0865.0	092.9	39.65	
077.0	001.3946	0267.1	031.9	294.2	000.0990	0866.3	092.9	39.57	
078.0	001.3623	0263.9	031.5	293.8	000.0971	0867.0	092.9	39.50	
079.0	001.3303	0264.3	031.4	293.5	000.0956	0867.3	092.7	39.49	
080.0	001.2988	0265.8	031.3	293.2	000.0942	0867.2	092.5	39.49	
081.0	001.2988	0265.4	031.3	292.9	000.0929	0867.0	092.2	39.51	
082.0	001.2988	0262.8	031.1	292.5	000.0914	0866.5	092.1	39.48	
083.0	001.2988	0258.2	030.9	292.2	000.0898	0865.7	092.0	39.40	
084.0	001.2988	0253.8	030.6	291.8	000.0881	0864.9	092.0	39.31	
085.0	001.2988	0251.5	030.5	291.5	000.0866	0864.1	091.9	39.26	
086.0	001.2988	0254.3	030.6	291.2	000.0854	0863.4	091.5	39.31	
087.0	001.2988	0258.9	030.9	291.0	000.0844	0862.9	091.1	39.39	
088.0	001.2988	0263.5	031.2	290.7	000.0833	0862.4	090.6	39.48	
089.0	001.2988	0267.7	031.4	290.4	000.0822	0862.0	090.2	39.54	
090.0	001.2988	0268.4	031.4	290.1	000.0809	0861.7	090.0	39.54	
091.0	001.3303	0268.8	031.7	289.8	000.0798	0861.5	089.6	39.59	
092.0	001.3623	0269.3	031.9	289.5	000.0788	0861.4	089.2	39.65	
093.0	001.3946	0269.2	032.0	289.2	000.0777	0861.5	088.9	39.69	
094.0	001.4273	0265.0	032.0	288.8	000.0766	0861.7	088.9	39.65	
095.0	001.4604	0261.4	031.9	288.5	000.0755	0862.3	088.8	39.62	
096.0	001.4939	0257.4	031.9	288.1	000.0744	0863.3	088.7	39.58	
097.0	001.5277	0255.6	031.9	287.8	000.0733	0864.7	088.6	39.58	
098.0	001.5619	0254.8	032.0	287.4	000.0721	0866.4	088.4	39.60	
099.0	001.5965	0254.6	032.2	287.1	000.0710	0868.5	088.1	39.62	
100.0	001.6315	0253.0	032.3	286.7	000.0699	0870.9	088.0	39.62	
101.0	001.6315	0251.2	032.2	286.4	000.0688	0873.5	088.1	39.56	
102.0	001.6315	0252.9	032.3	286.0	000.0678	0876.2	087.9	39.56	
103.0	001.6315	0255.9	032.4	285.6	000.0666	0878.9	087.7	39.58	
104.0	001.6315	0258.7	032.6	285.3	000.0655	0881.6	087.5	39.59	
105.0	001.6315	0260.1	032.7	284.9	000.0644	0884.2	087.4	39.57	
106.0	001.6315	0261.3	032.8	284.5	000.0632	0886.7	087.4	39.53	

# Educational Media Foundation

Exhibit 18-A

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Lebanon, OR

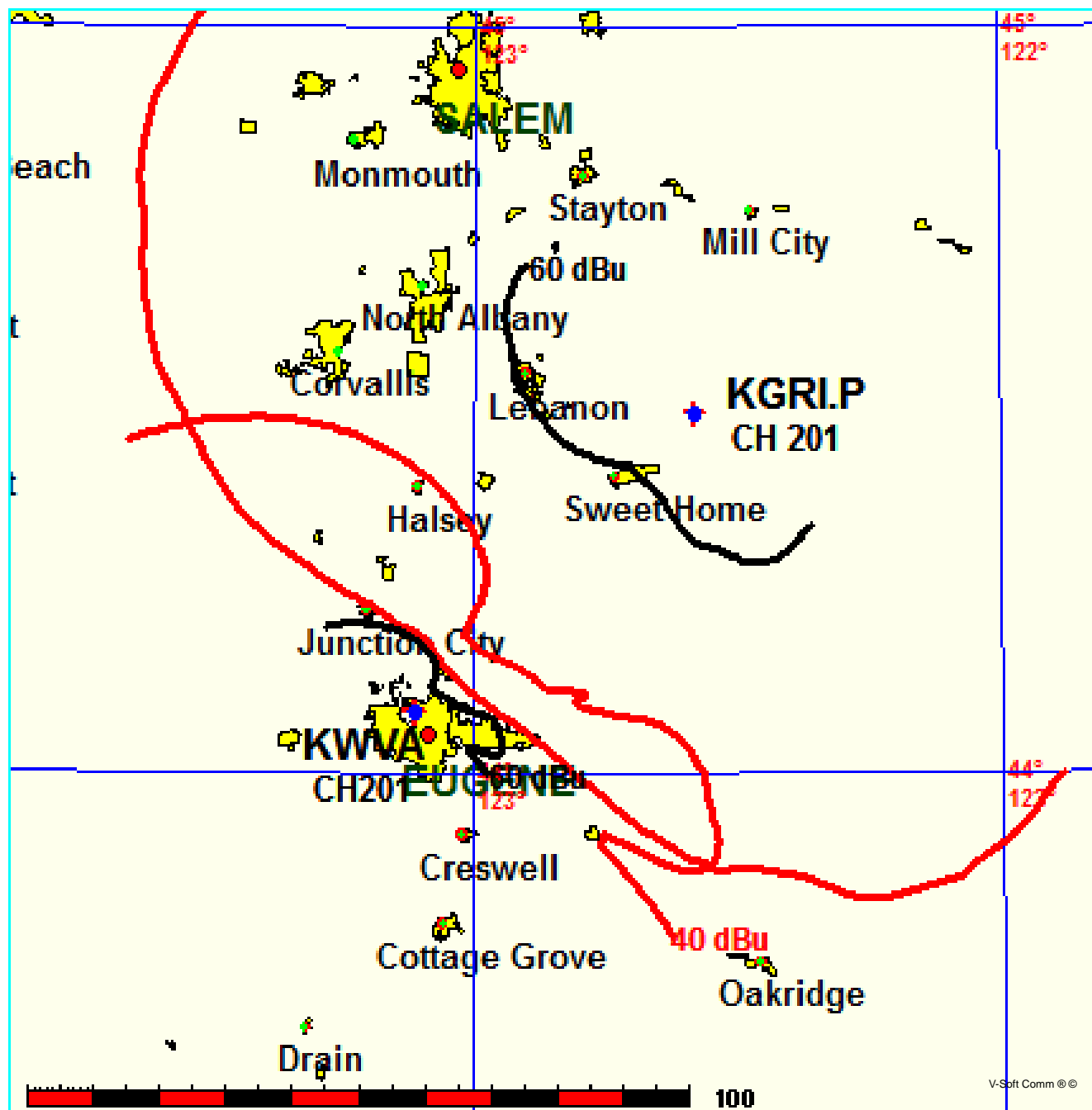
107.0	001.6315	0262.3	032.8	284.1	000.0621	0889.0	087.4	39.48
108.0	001.6315	0262.9	032.9	283.7	000.0610	0891.1	087.4	39.43
109.0	001.6315	0262.5	032.9	283.4	000.0600	0893.2	087.5	39.35
110.0	001.6315	0260.9	032.8	283.0	000.0590	0895.3	087.6	39.24
111.0	001.6315	0259.5	032.7	282.6	000.0579	0897.4	087.8	39.13
112.0	001.6315	0256.5	032.5	282.3	000.0569	0899.5	088.1	38.99
113.0	001.6315	0251.9	032.2	282.0	000.0560	0901.7	088.5	38.82
114.0	001.6315	0247.1	031.9	281.7	000.0552	0903.8	088.9	38.65
115.0	001.6315	0244.2	031.7	281.4	000.0544	0906.1	089.2	38.51

Exhibit 18-B

FMCommander Single Allocation Study - 06-25-2015 - NGDC 30 SEC  
KGRI.P's Overlaps (In= 35.25 km, Out= 3.76 km)

KGRI.P CH 201 C3 DA  
Lat= 44 28 59.0, Lng= 122 34 55.0  
0.16 kW 770 M HAAT, 1261 M COR  
Prot.= 60 dBu, Intef.= 40 dBu

KWVA CH 201 A DA BLED20100819ABH  
Lat= 44 04 55.0, Lng= 123 06 34.0  
1.0 kW 54 M HAAT, 232 M COR  
Prot.= 60 dBu, Intef.= 40 dBu



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5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 18-B

Lebanon, OR

## KGRI.P vs. KWVA

06-25-2015      Terrain Data: NGDC 30 SEC      FMOver Analysis

KWVA BLED20100819ABH

KGRI.P

Channel = 201A  
Max ERP = 1 kW  
RCAMSL = 232 M  
N. Lat. 44 04 55.0  
W. Lng. 123 06 34.0  
Protected  
60 dBu

Channel = 201C3  
Max ERP = 0.16 kW  
RCAMSL = 1261 M  
N. Lat. 44 28 59.0  
W. Lng. 122 34 55.0  
Interfering  
40 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
330.0	000.3158	0121.9	015.1	237.7	000.0073	0868.1	058.8	38.92	
331.0	000.3031	0122.0	014.9	237.5	000.0072	0869.0	058.5	38.98	
332.0	000.2905	0122.1	014.8	237.3	000.0072	0869.9	058.3	39.04	
333.0	000.2783	0122.1	014.6	237.2	000.0071	0870.9	058.0	39.09	
334.0	000.2663	0122.1	014.4	237.0	000.0070	0871.9	057.8	39.15	
335.0	000.2545	0122.2	014.3	236.8	000.0070	0872.9	057.6	39.20	
336.0	000.2430	0122.4	014.1	236.6	000.0069	0873.9	057.4	39.26	
337.0	000.2318	0122.6	013.9	236.4	000.0069	0874.9	057.1	39.31	
338.0	000.2209	0122.8	013.8	236.2	000.0068	0875.9	056.9	39.36	
339.0	000.2102	0122.8	013.6	235.9	000.0068	0876.9	056.7	39.40	
340.0	000.1998	0122.7	013.4	235.7	000.0067	0878.0	056.6	39.43	
341.0	000.1917	0122.7	013.3	235.5	000.0066	0878.8	056.4	39.46	
342.0	000.1837	0122.7	013.2	235.3	000.0066	0879.7	056.2	39.49	
343.0	000.1759	0122.9	013.0	235.1	000.0065	0880.5	056.0	39.52	
344.0	000.1683	0123.0	012.9	234.9	000.0064	0881.3	055.8	39.54	
345.0	000.1608	0122.8	012.7	234.7	000.0064	0882.1	055.7	39.56	
346.0	000.1535	0122.5	012.6	234.4	000.0063	0883.0	055.5	39.57	
347.0	000.1464	0122.4	012.4	234.2	000.0062	0883.8	055.4	39.58	
348.0	000.1394	0122.3	012.3	234.0	000.0061	0884.7	055.2	39.59	
349.0	000.1326	0122.1	012.1	233.7	000.0061	0885.6	055.1	39.60	
350.0	000.1260	0121.9	012.0	233.5	000.0060	0886.7	055.0	39.61	
351.0	000.1209	0121.7	011.8	233.3	000.0060	0887.6	054.9	39.62	
352.0	000.1159	0121.4	011.7	233.0	000.0059	0888.6	054.8	39.64	
353.0	000.1110	0121.1	011.6	232.8	000.0058	0889.8	054.6	39.64	
354.0	000.1061	0120.9	011.4	232.6	000.0058	0891.0	054.5	39.64	
355.0	000.1014	0120.8	011.3	232.4	000.0057	0892.3	054.4	39.63	
356.0	000.0968	0120.7	011.2	232.1	000.0056	0893.7	054.3	39.63	
357.0	000.0924	0120.6	011.0	231.9	000.0056	0895.4	054.3	39.62	
358.0	000.0880	0120.3	010.9	231.7	000.0055	0897.1	054.2	39.62	
359.0	000.0837	0119.9	010.8	231.4	000.0055	0899.0	054.1	39.62	
000.0	000.0795	0119.5	010.6	231.2	000.0054	0901.1	054.1	39.61	
001.0	000.0763	0119.2	010.5	231.0	000.0053	0903.1	054.0	39.61	
002.0	000.0731	0119.0	010.4	230.7	000.0053	0905.1	053.9	39.60	
003.0	000.0700	0118.8	010.3	230.5	000.0052	0907.2	053.9	39.59	
004.0	000.0670	0118.5	010.1	230.3	000.0052	0909.3	053.8	39.57	
005.0	000.0640	0118.0	010.0	230.1	000.0051	0911.6	053.8	39.54	
006.0	000.0611	0117.5	009.9	229.8	000.0051	0913.8	053.8	39.56	
007.0	000.0583	0117.2	009.8	229.6	000.0051	0915.9	053.8	39.59	
008.0	000.0555	0117.0	009.6	229.4	000.0051	0918.0	053.7	39.62	
009.0	000.0528	0116.8	009.5	229.2	000.0051	0920.1	053.7	39.64	
010.0	000.0502	0116.3	009.4	228.9	000.0051	0922.0	053.7	39.66	
011.0	000.0481	0115.7	009.3	228.7	000.0051	0923.8	053.7	39.68	
012.0	000.0461	0115.2	009.1	228.5	000.0051	0925.5	053.7	39.69	

# Educational Media Foundation

Exhibit 18-B

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Lebanon, OR

013.0	000.0442	0115.0	009.0	228.3	000.0051	0927.0	053.7	39.71
014.0	000.0423	0114.9	008.9	228.1	000.0051	0928.3	053.7	39.72
015.0	000.0404	0114.7	008.8	227.9	000.0051	0929.6	053.7	39.73
016.0	000.0386	0114.3	008.7	227.7	000.0051	0930.8	053.7	39.74
017.0	000.0368	0113.8	008.6	227.5	000.0051	0931.9	053.7	39.74
018.0	000.0350	0112.1	008.4	227.3	000.0051	0933.0	053.8	39.72
019.0	000.0333	0109.6	008.2	227.0	000.0051	0934.0	053.9	39.69
020.0	000.0317	0107.2	008.0	226.8	000.0051	0934.9	054.0	39.66
021.0	000.0317	0105.2	007.9	226.6	000.0051	0935.4	054.1	39.66
022.0	000.0317	0102.0	007.8	226.4	000.0051	0936.0	054.1	39.65
023.0	000.0317	0097.7	007.6	226.2	000.0051	0936.6	054.2	39.61
024.0	000.0317	0093.7	007.5	226.0	000.0051	0937.1	054.3	39.58
025.0	000.0317	0090.4	007.3	225.9	000.0051	0937.5	054.4	39.56
026.0	000.0317	0086.6	007.2	225.7	000.0051	0938.0	054.5	39.52
027.0	000.0317	0081.2	006.9	225.5	000.0051	0938.6	054.7	39.46
028.0	000.0317	0074.4	006.6	225.3	000.0051	0939.1	054.9	39.38
029.0	000.0317	0065.8	006.2	225.0	000.0051	0939.8	055.3	39.26
030.0	000.0317	0056.0	005.8	224.8	000.0051	0940.5	055.7	39.13
031.0	000.0317	0044.5	005.2	224.6	000.0051	0941.3	056.3	38.92
032.0	000.0317	0029.9	004.2	224.3	000.0051	0942.5	057.2	38.61
033.0	000.0317	0013.4	004.2	224.2	000.0051	0942.7	057.2	38.61
034.0	000.0317	-0002.9	004.2	224.1	000.0051	0943.0	057.2	38.62
035.0	000.0317	-0019.6	004.2	224.0	000.0051	0943.3	057.2	38.63
036.0	000.0317	-0038.1	004.2	224.0	000.0051	0943.6	057.2	38.64
037.0	000.0317	-0057.6	004.2	223.9	000.0051	0943.9	057.1	38.64
038.0	000.0317	-0073.2	004.2	223.8	000.0051	0944.3	057.1	38.65
039.0	000.0317	-0081.6	004.2	223.8	000.0051	0944.6	057.1	38.65
040.0	000.0317	-0083.7	004.2	223.7	000.0051	0944.9	057.1	38.66
041.0	000.0317	-0081.7	004.2	223.6	000.0051	0945.2	057.1	38.66
042.0	000.0317	-0077.6	004.2	223.5	000.0051	0945.5	057.1	38.67
043.0	000.0317	-0073.0	004.2	223.5	000.0051	0945.9	057.1	38.67
044.0	000.0317	-0068.8	004.2	223.4	000.0051	0946.2	057.1	38.67
045.0	000.0317	-0065.3	004.2	223.3	000.0051	0946.5	057.1	38.67
046.0	000.0317	-0061.3	004.2	223.2	000.0051	0946.8	057.1	38.68
047.0	000.0317	-0057.5	004.2	223.2	000.0051	0947.2	057.1	38.68
048.0	000.0317	-0054.9	004.2	223.1	000.0051	0947.5	057.1	38.68
049.0	000.0317	-0053.5	004.2	223.0	000.0051	0947.8	057.1	38.68
050.0	000.0317	-0053.4	004.2	223.0	000.0051	0948.1	057.2	38.68
051.0	000.0333	-0054.6	004.2	222.9	000.0051	0948.4	057.1	38.70
052.0	000.0350	-0057.5	004.3	222.8	000.0051	0948.7	057.1	38.71
053.0	000.0368	-0062.0	004.3	222.7	000.0051	0949.0	057.0	38.73
054.0	000.0386	-0067.2	004.4	222.6	000.0051	0949.4	057.0	38.75
055.0	000.0404	-0072.9	004.4	222.5	000.0051	0949.7	057.0	38.76
056.0	000.0423	-0078.5	004.5	222.4	000.0051	0950.0	056.9	38.77
057.0	000.0442	-0083.3	004.6	222.4	000.0051	0950.3	056.9	38.79
058.0	000.0461	-0086.4	004.6	222.3	000.0051	0950.5	056.9	38.80
059.0	000.0481	-0088.6	004.7	222.2	000.0051	0950.8	056.8	38.81
060.0	000.0502	-0092.1	004.7	222.1	000.0051	0951.0	056.8	38.82
061.0	000.0528	-0097.1	004.8	222.0	000.0051	0951.2	056.8	38.84
062.0	000.0555	-0102.5	004.8	221.9	000.0051	0951.5	056.7	38.85
063.0	000.0583	-0106.0	004.9	221.8	000.0051	0951.6	056.7	38.86
064.0	000.0611	-0106.5	005.0	221.7	000.0051	0951.8	056.7	38.87
065.0	000.0640	-0104.2	005.0	221.6	000.0051	0951.9	056.7	38.88
066.0	000.0670	-0097.9	005.1	221.5	000.0051	0952.0	056.7	38.89
067.0	000.0700	-0087.3	005.1	221.3	000.0051	0952.1	056.6	38.89
068.0	000.0731	-0073.8	005.2	221.2	000.0051	0952.2	056.6	38.90
069.0	000.0763	-0061.4	005.3	221.1	000.0051	0952.2	056.6	38.90
070.0	000.0795	-0051.7	005.3	221.0	000.0051	0952.2	056.6	38.91
071.0	000.0837	-0043.9	005.4	220.9	000.0051	0952.2	056.6	38.91
072.0	000.0880	-0036.2	005.5	220.8	000.0051	0952.2	056.6	38.91
073.0	000.0924	-0026.3	005.5	220.7	000.0051	0952.2	056.6	38.92
074.0	000.0968	-0015.1	005.6	220.5	000.0051	0952.1	056.6	38.92
075.0	000.1014	-0005.0	005.7	220.4	000.0051	0952.1	056.6	38.92



# Educational Media Foundation

Exhibit 18-B

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Lebanon, OR

076.0	000.1061	0002.6	005.7	220.3	000.0051	0952.0	056.6	38.91
077.0	000.1110	0007.6	005.8	220.2	000.0051	0951.9	056.6	38.91
078.0	000.1159	0011.1	005.8	220.1	000.0051	0951.9	056.6	38.91
079.0	000.1209	0014.4	005.9	219.9	000.0051	0951.8	056.6	38.90
080.0	000.1260	0020.6	006.0	219.8	000.0051	0951.7	056.6	38.89
081.0	000.1326	0029.8	006.0	219.7	000.0051	0951.7	056.7	38.89
082.0	000.1394	0038.5	006.9	219.0	000.0051	0951.6	056.1	39.07
083.0	000.1464	0043.3	007.4	218.6	000.0051	0952.0	055.8	39.18
084.0	000.1535	0045.6	007.7	218.3	000.0051	0952.5	055.7	39.23
085.0	000.1608	0044.1	007.7	218.2	000.0051	0952.6	055.8	39.18
086.0	000.1683	0038.7	007.2	218.4	000.0051	0952.2	056.2	39.04
087.0	000.1759	0038.7	007.3	218.3	000.0051	0952.4	056.3	39.03
088.0	000.1837	0039.0	007.4	218.1	000.0051	0952.7	056.3	39.02
089.0	000.1917	0039.3	007.5	218.0	000.0051	0953.1	056.3	39.02
090.0	000.1998	0045.1	008.2	217.3	000.0051	0954.9	056.0	39.15
091.0	000.2102	0054.1	009.3	216.3	000.0051	0957.9	055.5	39.35
092.0	000.2209	0063.2	010.1	215.5	000.0051	0960.1	055.2	39.48
093.0	000.2318	0071.5	010.8	214.8	000.0051	0961.4	054.9	39.58
094.0	000.2430	0074.0	011.1	214.4	000.0051	0961.8	055.0	39.57
095.0	000.2545	0076.7	011.4	214.1	000.0051	0962.0	055.0	39.57
096.0	000.2663	0079.4	011.7	213.7	000.0051	0962.0	055.0	39.56
097.0	000.2783	0081.6	012.0	213.3	000.0051	0961.7	055.1	39.53
098.0	000.2905	0082.8	012.2	213.0	000.0051	0961.3	055.2	39.49
099.0	000.3031	0083.7	012.4	212.8	000.0051	0960.8	055.3	39.45
100.0	000.3158	0084.2	012.5	212.5	000.0051	0960.3	055.4	39.39
101.0	000.3325	0084.2	012.7	212.3	000.0051	0959.7	055.6	39.34
102.0	000.3495	0084.1	012.8	212.1	000.0051	0959.1	055.7	39.27
103.0	000.3670	0083.9	013.0	211.9	000.0051	0958.5	055.9	39.21
104.0	000.3849	0083.1	013.1	211.7	000.0051	0958.0	056.1	39.14
105.0	000.4032	0082.2	013.1	211.6	000.0051	0957.5	056.3	39.06
106.0	000.4220	0081.3	013.2	211.4	000.0051	0957.0	056.5	38.99
107.0	000.4412	0080.9	013.3	211.3	000.0051	0956.5	056.7	38.92
108.0	000.4608	0081.1	013.5	211.1	000.0051	0955.8	056.9	38.84
109.0	000.4808	0081.4	013.6	210.9	000.0051	0955.1	057.1	38.77
110.0	000.5013	0081.7	013.8	210.6	000.0051	0954.5	057.3	38.69
111.0	000.5275	0081.7	014.0	210.4	000.0051	0953.8	057.5	38.61
112.0	000.5544	0081.4	014.1	210.3	000.0051	0953.3	057.7	38.53
113.0	000.5820	0080.8	014.2	210.1	000.0051	0952.9	057.9	38.45
114.0	000.6103	0079.7	014.3	210.0	000.0051	0952.6	058.2	38.36
115.0	000.6392	0078.1	014.3	210.0	000.0051	0952.5	058.4	38.28