

Allocation Study

Below is a listing of the exhibits for the many factors that were taken into consideration in this study.

- Exhibit 15A –provides an overview of all nearby allocations.
- Exhibit 15A1-3 – shows the relationship between the proposed facility and the nearby facilities.
- Exhibit 15B – a request for a waiver of 47 C.F.R. 73.509 in regard to interference received.
- Exhibit 15B-1 – shows the relationship between the proposed facility and the facility for which a waiver has been requested.
- Exhibit 15C – Protection of Table Mountain Radio Receiving Zone

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

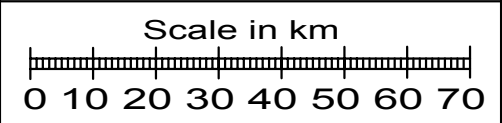
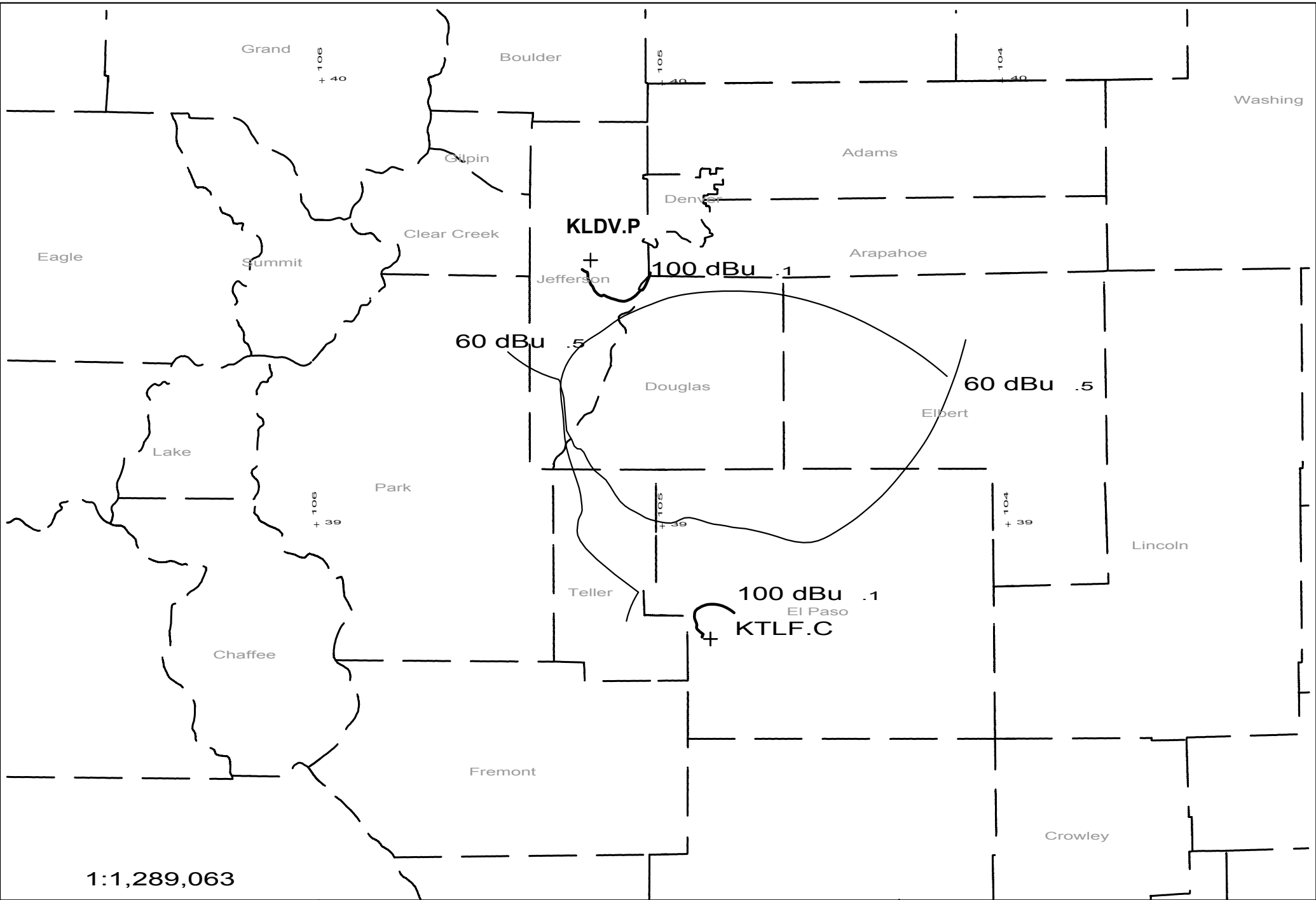
Exhibit 15A

Morrison, CO

REFERENCE		CH# 216C - 91.1 MHz, Pwr= 100 kW, HAAT=356.0M, COR= 2448 M								DISPLAY DATES	
39 36 00 N	Average Protected F(50-50)= 76.5 km								DATA	02-14-04	
105 12 35 W	Ave. F(50-10) 40 dBu= 178.7 54 dBu= 112.6 80 dBu= 37.1 100 dBu= 11.0								SEARCH	03-01-04	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
216C Morrison	KLDV	LIC DCN CO	0.0 180.0	0.00 BLED19860908KB	39 36 00 105 12 35	95.844 103	2448 189.4	85.6 Educational Media Foundati	-231.41	-240.40*	
216C0 Morrison	KLDV.C	CP EN CO	0.0 180.0	0.00 BPED20010601AGJ	39 36 00 105 12 35	100 116	2461 189.4	85.6 Educational Media Foundati	-234.68	-242.99*	
217C3 Gypsum	KLRY.C	CP CN CO	273.3 93.3	126.17 BPED19980417MC	39 39 20 106 40 39	0.8 474	2843 72.8	43.0 Educational Media Foundati	25.92	16.09	
217C2 Salida	990903	APP CX CO	208.6 28.6	145.59 BPED19990903MG	38 26 48 106 00 36	0.385 1078	3567 59.1	31.0 Educational Communications	43.45	38.51	
217C2 Salida	990903	APP CX CO	208.6 28.6	145.59 BPED19990903MG	38 26 48 106 00 36	0.385 1078	3567 59.1	31.0 Educational Communications	43.45	38.51	
216A Gunnison	KWSBFM	LIC CN CO	231.3 51.3	189.48 BLED19850430LR	38 31 22 106 54 28	0.135 -70	2627 130.7	31.0 Western State College Of C	138.32	52.70	
215C0 Chugwater	KLWV.C	CP CN WY	353.9 173.9	191.09 BPED19980825MB	41 18 39 105 27 12	100 122	2731 113.0	76.7 Educational Media Foundati	30.40	23.52	
215C0 Chugwater	KLWV.A	APP CX WY	353.9 173.9	191.09 BMPED20031211ABI	41 18 39 105 27 12	100 156	2765 113.0	76.7 Educational Media Foundati	25.42	18.82	
214A Longmont	KCDC	LIC CN CO	10.4 190.4	72.28 BLED19821018AU	40 14 24 105 03 19	0.1 85	1613 13.4	91.0 Longmont Community Radio	-19.44	49.28	
218C1 Colorado Springs	KRCC	LIC DCN CO	162.4 342.4	99.54 BLED19940124KZ	38 44 43 104 51 42	0.151 796	2920 9.4	69.0 The Colorado College	29.72	56.85	
213C0 Colorado Springs	KTLEF.C	CP VX CO	162.3 342.3	99.56 BPED20030908ABM	38 44 43 104 51 39	20 806	2923 9.4	69.0 Educational Communications	22.25	7.75	
213C Colorado Springs	KTLEF	LIC VX CO	162.3 342.3	99.56 BLED20020116AAC	38 44 43 104 51 39	20 797	2914 9.4	69.0 Educational Communications	22.27	8.02	
214A Leadville	990329	APP CN CO	246.2 66.2	91.57 BPED19990329MC	39 15 51 106 10 52	0.1 575	4025 3.2	31.0 Trustees Of The Un Of Nort	59.90	63.20	
217C3 Sterling	KLZV.C	CP CX CO	69.0 249.0	175.62 BPED19971222MB	40 08 56 103 17 04	6 132	1526 142.5	96.6 Educational Media Foundati	30.25	1.12	
218A Leadville	990903	APP CX CO	247.6 67.6	100.99 BPED19990903MB	39 14 56 106 17 30	0.3 -571	3102 3.2	31.0 Educational Communications	68.81	90.42	
215C3 Rye	970702	APP CX CO	174.3 354.3	184.69 BPED19970702MC	37 56 40 104 59 56	11.3 317	2577 88.7	59.1 Harvest Radio Corporation	48.62	43.60	
213C3 Fort Collins	KCSUFM	LIC CN CO	2.3 182.3	111.13 BLED19850124LR	40 36 00 105 09 21	10 -104	1613 12.6	87.2 Board Of Governors Of The	22.08	80.37	
218C1 Greeley	KUNCFM	CP CX CO	15.9 195.9	120.43 BPED20020207ABE	40 38 31 104 49 03	81 247	1769 13.6	91.5 Community Radio For Northe	20.25	40.87	
218C1 Greeley	KUNCFM	LIC CN CO	15.9 195.9	120.48 BLED19840203AN	40 38 34 104 49 08	100 214	1736 13.6	91.5 Community Radio For Northe	20.45	41.73	
216C Alliance	KTNEFM	LIC CY NE	35.4 215.4	308.25 BLED19900515KB	41 50 24 103 03 18	100 464	1669 203.5	95.3 Nebraska Educational Telec	24.90	20.31	
270C2 Colorado Springs	KKCSFM	APP CX CO	154.6 334.6	56.98 BPH20040106ABD	39 08 11 104 55 34	50 337	2543 86.7	73.0 Superior Broadcasting Of D	35.0R	22.0M	
215A Rye	970702	APP CN CO	173.1 353.1	191.92 BPED19970702MC	37 53 00 104 56 53	5 173	2352 90.9	60.9 Harvest Radio Corporation	78.78	66.03	
218A Aspen	KAJX	LIC DEN CO	252.4 72.4	144.44 BLED19910514KC	39 11 48 106 48 14	0.092 -571	2670 3.2	31.0 Roaring Fork Public Radio	112.80	135.77	
270C Colorado Springs	KKCSFM	LIC CN CO	162.4 342.4	99.55 BLH19960111KJ	38 44 43 104 51 41	72 824	2946 81.9	69.0 Superior Broadcasting Of D	48.0R	51.6M	
217C2 Walsenburg	971112	APP DVX CO	162.1 342.1	239.66 BPED19971112ME	37 32 34 104 22 31	8 175	1969 101.0	69.0 Educational Communications	112.90	99.58	

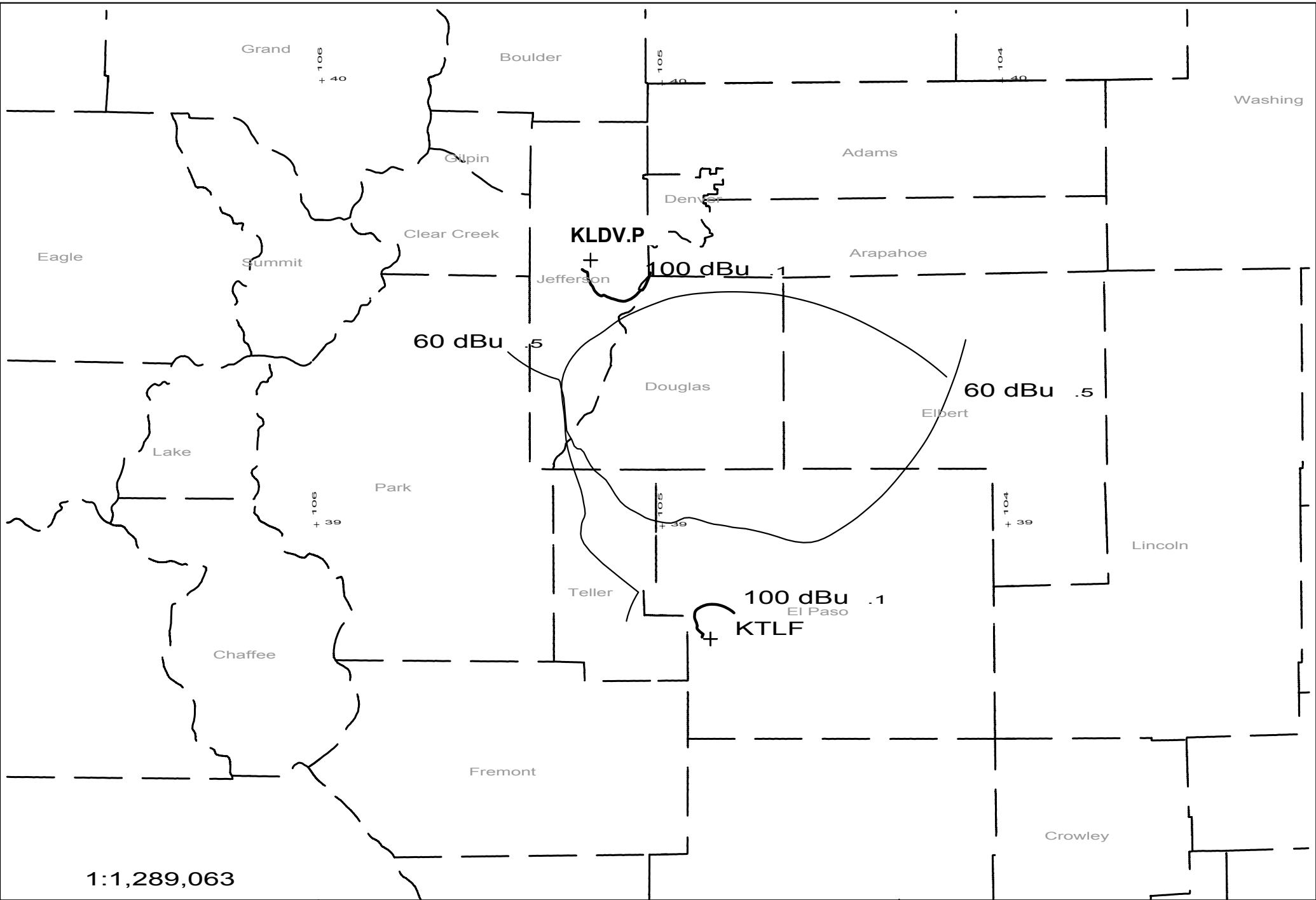
CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*
CITY		STATE	<--	FILE #	LNG.	HAAT (M)	INT (km)	LICENSEE	(Overlap in km)	
215A	KVNF	LIC	CN	249.8	226.66	38 52 20	3	2072	31.0	147.74
Paonia		CO		69.8	BLED19910325KA	107 39 45	185	59.1	North Fork Valley Public R	135.65
216A	981208	APP	CN	167.3	296.51	36 59 33	0.37	2615	66.7	144.00
Starkville		CO		347.3	BPED19981208ME	104 28 24	435	165.4	Colorado College	101.54
219C3	971014	CP	CX	305.0	169.55	40 27 43	2.5	2530	65.7	102.22
Sidney		CO		125.0	BPED19971014MB	106 50 58	41	8.7	Educational Communications	146.25
06-2E	KRMATV	LI	HY	346.6	14.87	39 43 49	100	2349	0.0	To Grd B=
Denver		CO		166.6	BLET19950504KE	105 15 00	198	442.4	Rocky Mountain Public Broa	-79.05

 "**Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.

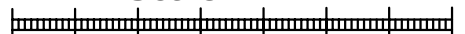


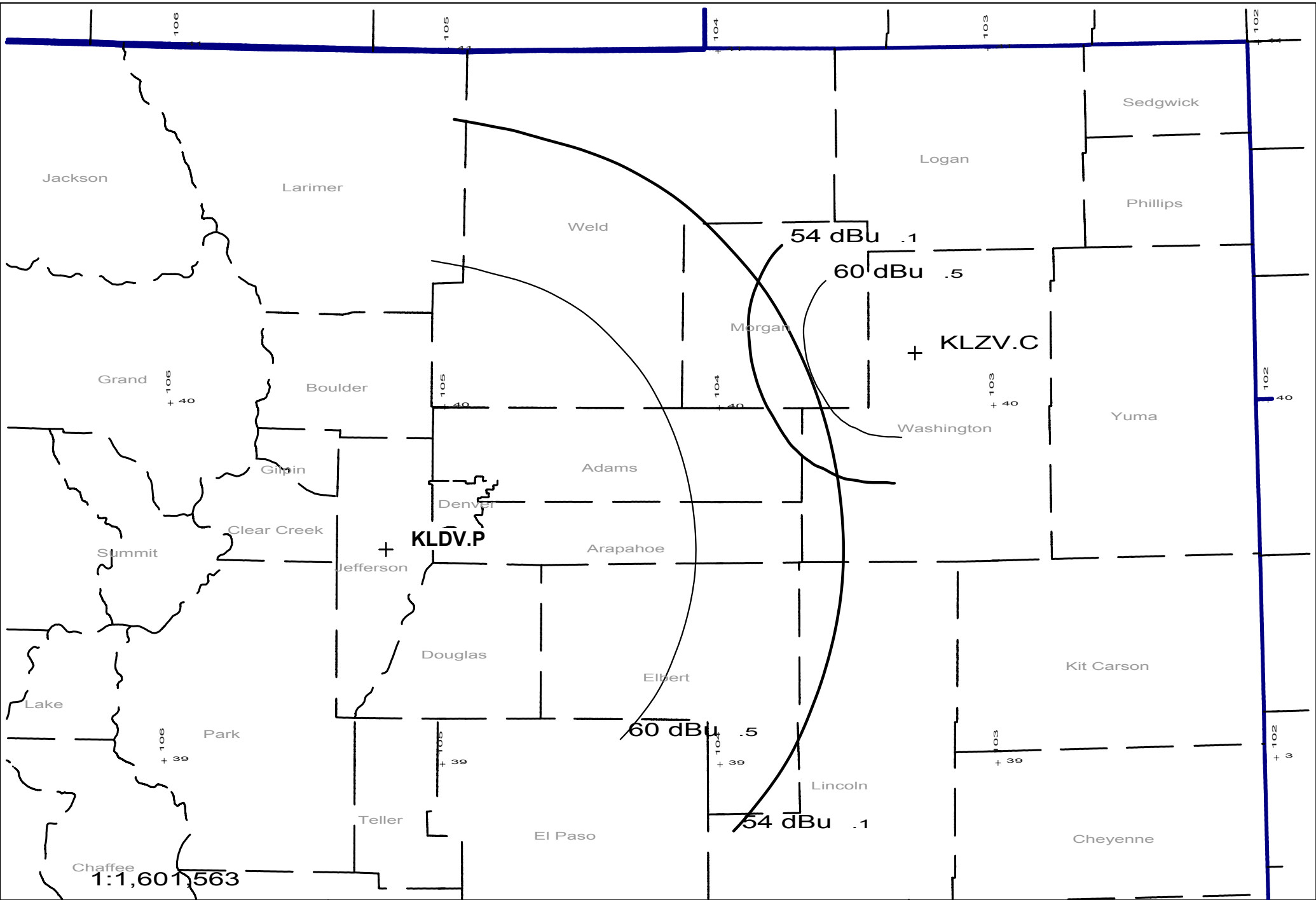
KLDV 216C 100kW 2448M AMSL
KTLF.C 213C0 20kW 2923M AMSL

Exhibit 15A-1
EMF - 03/04



1:1,289,063

Scale in km  0 10 20 30 40 50 60 70	<table><tr><td>KLDV</td><td>216C</td><td>100kW</td><td>2448M</td><td>AMSL</td></tr><tr><td>KTLE</td><td>213C</td><td>20kW</td><td>2914M</td><td>AMSL</td></tr></table>	KLDV	216C	100kW	2448M	AMSL	KTLE	213C	20kW	2914M	AMSL	Exhibit 15A-2 EMF - 03/04
KLDV	216C	100kW	2448M	AMSL								
KTLE	213C	20kW	2914M	AMSL								



KLDV 216C 100kW 2448M AMSL
KLZV.C 217C3 6kW 1526M AMSL

Exhibit 15A-3
EMF - 03/04

KLDV.P vs. KLZV.C

EMF
03-01-2004 30 Sec. Terrain Data

KLZV.C BPED19971222MB
Channel = 217C3
Max ERP = 6 kw
RCAMSL = 1526 M
N. Lat = 40 08 56
W. Lng = 103 17 04

KLDV.P
Channel = 216C
Max ERP = 100 kw
RCAMSL = 2448 M
N. Lat = 393600
W. Lng = 1051235

Protected
60 dBu

Interfering
54 dBu

Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Actual (dBu)
220.0	006.0000	0114.1	030.1	074.8	100.0000	0719.5	150.5	51.9
221.0	006.0000	0115.9	030.3	074.7	100.0000	0719.5	150.0	52.0
222.0	006.0000	0117.4	030.4	074.6	100.0000	0719.5	149.6	52.1
223.0	006.0000	0118.2	030.5	074.4	100.0000	0719.8	149.2	52.2
224.0	006.0000	0118.8	030.6	074.2	100.0000	0719.8	148.9	52.3
225.0	006.0000	0119.6	030.7	074.1	100.0000	0719.8	148.5	52.4
226.0	006.0000	0120.7	030.8	073.9	100.0000	0719.8	148.2	52.5
227.0	006.0000	0121.9	030.9	073.8	100.0000	0719.8	147.8	52.6
228.0	006.0000	0122.7	031.0	073.6	100.0000	0719.8	147.5	52.7
229.0	006.0000	0123.1	031.1	073.4	100.0000	0720.2	147.2	52.7
230.0	006.0000	0123.5	031.1	073.2	100.0000	0720.2	146.9	52.8
231.0	006.0000	0124.2	031.2	073.0	100.0000	0720.2	146.6	52.9
232.0	006.0000	0125.2	031.3	072.9	100.0000	0720.2	146.3	53.0
233.0	006.0000	0126.0	031.4	072.7	100.0000	0720.2	146.0	53.0
234.0	006.0000	0126.4	031.4	072.5	100.0000	0720.9	145.8	53.1
235.0	006.0000	0126.4	031.4	072.3	100.0000	0720.9	145.6	53.2
236.0	006.0000	0126.2	031.4	072.1	100.0000	0720.9	145.5	53.2
237.0	006.0000	0126.4	031.4	071.9	100.0000	0720.9	145.3	53.2
238.0	006.0000	0126.6	031.4	071.7	100.0000	0720.9	145.2	53.3
239.0	006.0000	0126.9	031.5	071.4	100.0000	0721.6	145.0	53.3
240.0	006.0000	0127.0	031.5	071.2	100.0000	0721.6	144.9	53.4
241.0	006.0000	0127.1	031.5	071.0	100.0000	0721.6	144.7	53.4
242.0	006.0000	0127.4	031.5	070.8	100.0000	0721.6	144.6	53.4
243.0	006.0000	0127.7	031.6	070.6	100.0000	0721.6	144.5	53.5
244.0	006.0000	0128.0	031.6	070.4	100.0000	0722.3	144.4	53.5
245.0	006.0000	0128.3	031.6	070.2	100.0000	0722.3	144.3	53.5
246.0	006.0000	0128.9	031.7	069.9	100.0000	0722.3	144.2	53.6
247.0	006.0000	0129.7	031.8	069.7	100.0000	0722.3	144.0	53.6
248.0	006.0000	0130.7	031.9	069.5	100.0000	0722.3	143.9	53.6
249.0	006.0000	0131.8	032.0	069.3	100.0000	0722.7	143.7	53.7
250.0	006.0000	0132.8	032.1	069.1	100.0000	0722.7	143.6	53.7
251.0	006.0000	0133.6	032.2	068.8	100.0000	0722.7	143.5	53.7
252.0	006.0000	0134.3	032.3	068.6	100.0000	0722.7	143.5	53.7
253.0	006.0000	0135.1	032.4	068.4	100.0000	0723.1	143.4	53.8
254.0	006.0000	0135.8	032.5	068.2	100.0000	0723.1	143.4	53.8
255.0	006.0000	0136.5	032.5	067.9	100.0000	0723.1	143.3	53.8
256.0	006.0000	0137.2	032.6	067.7	100.0000	0723.1	143.3	53.8
257.0	006.0000	0138.0	032.7	067.5	100.0000	0723.3	143.3	53.8
258.0	006.0000	0139.0	032.8	067.2	100.0000	0723.3	143.3	53.8
259.0	006.0000	0139.9	032.9	067.0	100.0000	0723.3	143.3	53.8

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15A-3

Morrison, CO

KLDV.P vs. KLZV.C continued

260.0	006.0000	0140.7	033.0	066.8	100.0000	0723.3	143.3	53.8
261.0	006.0000	0141.3	033.1	066.5	100.0000	0723.3	143.4	53.8
262.0	006.0000	0142.2	033.2	066.3	100.0000	0723.7	143.4	53.8
263.0	006.0000	0143.1	033.3	066.1	100.0000	0723.7	143.5	53.8
264.0	006.0000	0144.0	033.4	065.8	100.0000	0723.7	143.5	53.7
265.0	006.0000	0145.1	033.5	065.6	100.0000	0723.7	143.6	53.7
266.0	006.0000	0146.0	033.6	065.4	100.0000	0724.0	143.7	53.7
267.0	006.0000	0147.0	033.7	065.1	100.0000	0724.0	143.8	53.7
268.0	006.0000	0147.8	033.8	064.9	100.0000	0724.0	143.9	53.6
269.0	006.0000	0148.6	033.9	064.7	100.0000	0724.0	144.1	53.6
270.0	006.0000	0149.4	034.0	064.4	100.0000	0724.5	144.2	53.6
271.0	006.0000	0150.2	034.1	064.2	100.0000	0724.5	144.4	53.5
272.0	006.0000	0151.1	034.2	064.0	100.0000	0724.5	144.6	53.5
273.0	006.0000	0152.0	034.3	063.7	100.0000	0724.5	144.7	53.4
274.0	006.0000	0152.9	034.4	063.5	100.0000	0724.5	144.9	53.4
275.0	006.0000	0154.0	034.5	063.3	100.0000	0725.2	145.1	53.3
276.0	006.0000	0155.1	034.7	063.0	100.0000	0725.2	145.3	53.3
277.0	006.0000	0156.3	034.8	062.8	100.0000	0725.2	145.5	53.2
278.0	006.0000	0157.7	034.9	062.6	100.0000	0725.2	145.8	53.2
279.0	006.0000	0158.9	035.1	062.4	100.0000	0726.2	146.0	53.1
280.0	006.0000	0160.1	035.2	062.1	100.0000	0726.2	146.3	53.1