

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

## Park City, MT

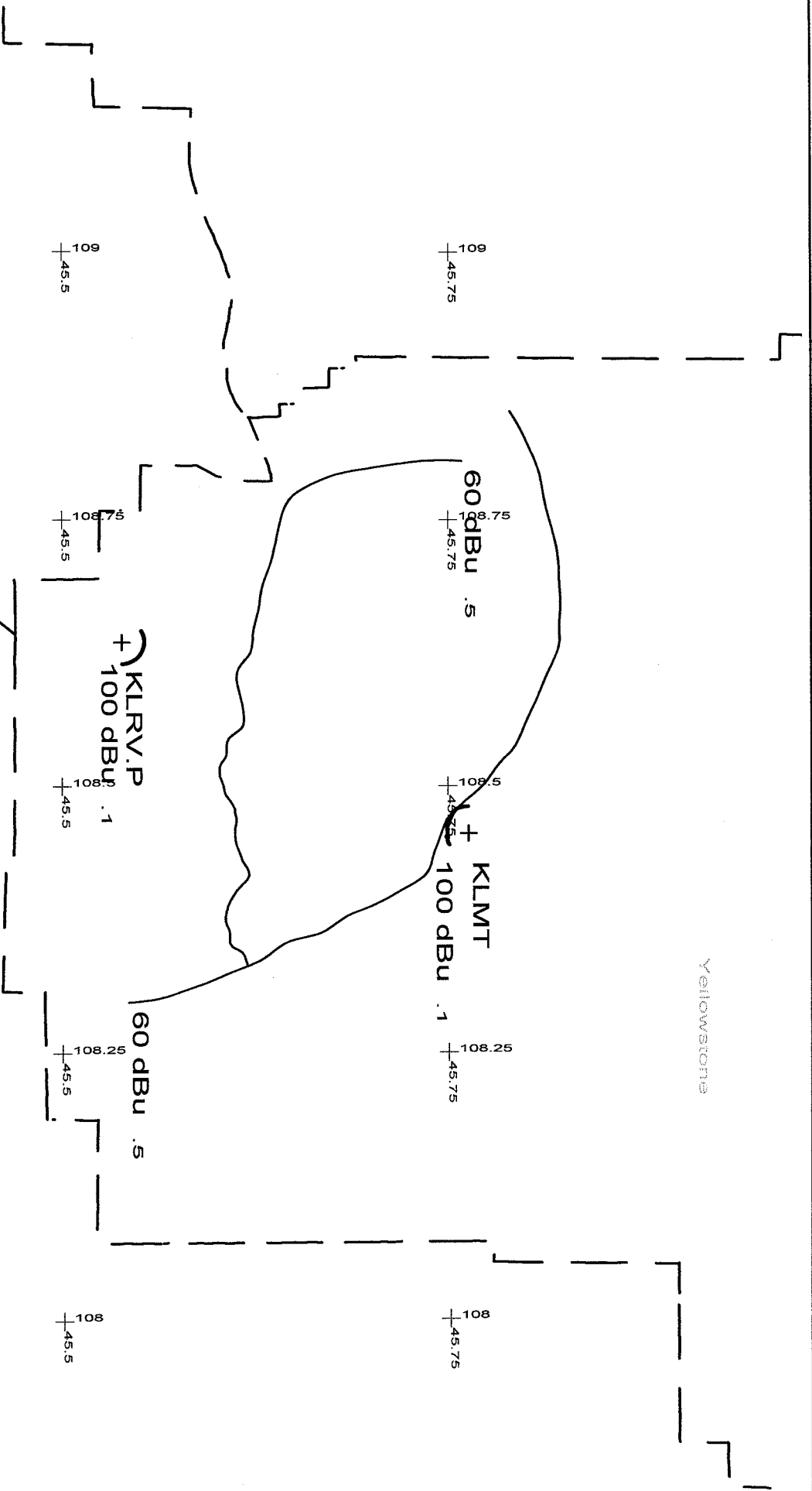
## Allocation Study

REFERENCE	CH# 209A - 89.7 MHz, Pwr= 0.625 kW, HAAT=302.8M, COR= 1539 M	DISPLAY DATES
45 32 20 N	Average Protected F(50-50)= 28.1 km	DATA 09-25-03
108 38 07 W	Ave. F(50-10) 40 dBu= 79.8 54 dBu= 42.5 80 dBu= 9.0 100 dBu= 1.6	SEARCH 11-19-03

CH CITY	CALL	TYPE STATE		AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap	*OUT* in km)
209A Park City	KLRV.C	CP MT	CX	282.0 102.0	0.60 BPED19980825MF	45 32 24 108 38 34	0.54 275	1558 84.6	30.3 Colorado	-105.04 Christian	-109.94* Unvers
207A Billings	KLMT	LIC MT	EX	29.2 209.2	28.61 BLED20030121AAQ	45 45 48 108 27 20	0.98 101	1205 1.6	26.8 Western	0.23 Inspirational	8.45 Broa
211A Billings	KBLW.A	APP MT	CX	29.2 209.2	28.71 BMPED20030228AGD	45 45 51 108 27 18	0.45 59	1162 1.6	26.8 Hi-line	0.45 Radio	15.47 Fellowship,
211A Billings	KBLW.C	CP MT	VX	29.2 209.2	28.71 BPED19971113ME	45 45 51 108 27 18	0.25 48	1151 1.6	26.8 Hi-line	0.83 Radio	18.04 Fellowship,
211A Billings	KBLW.A	APP MT	CX	29.2 209.2	28.71 BMPED20030228AGD	45 45 51 108 27 18	0.45 59	1162 1.6	26.8 Hi-line	0.45 Radio	15.47 Fellowship,
211C3 Powell	KUWP	LIC WY	C	189.2 9.2	107.13 BLED19991109ABZ	44 35 14 108 51 08	0.43 629	2019 1.6	20.4 University	85.27 Of	67.64 Wyoming
208C Ethete	KWRR	LIC WY	CX	171.2 351.2	233.84 BLED20021007AAE	43 27 30 108 11 39	85 644	2330 34.4	23.0 Business	74.81 Council	107.64 Of The No
262C Greybull	KZMQFM	LIC WY	CN	145.0 325.0	98.55 BLH19881003KD	44 48 41 107 55 06	56 576	2960 27.4	25.7 Legend	29.0R Communications	69.6M Of W
209C Butte	990916	APP MT	CN	281.4 101.4	300.58 BPED19990916MG	46 00 25 112 26 29	18 558	2553 84.3	30.2 Broadcasting	110.07 For The	144.14 Chall
06Z2C Billings	KSVI	LI MT	HN	37.4 217.4	37.65 BLCT19930119KE	45 48 26 108 20 25	100 172	1287 276.5	214.4 Quorum	To Grd B= Of Montana	-53.58 License,

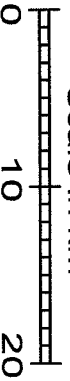
"\*Affixed to 'IN' or 'Out' values = site inside protected contour.  
ERP and HAAT are on direct line to and from reference station.

Yellowstone



1:429,688

Scale in km



KLRV.P 209A .625kW 1539M AMSL  
KLMT 207A .98kW 1205M AMSL

Exhibit 15-A  
EMF - 11/03

KLMT vs. KLRV.P

EMF

11-19-2003 30 Sec. Terrain Data

KLRV.P

Channel = 209A

Max ERP = 0.625 kw

RCAMSL = 1539 M

N. Lat = 453220

W. Lng = 1083807

Protected

60 dBu

KLMT

BLED20030121AAQ

Channel = 207A

Max ERP = 0.98 kw

RCAMSL = 1205 M

N. Lat = 45 45 48

W. Lng = 108 27 20

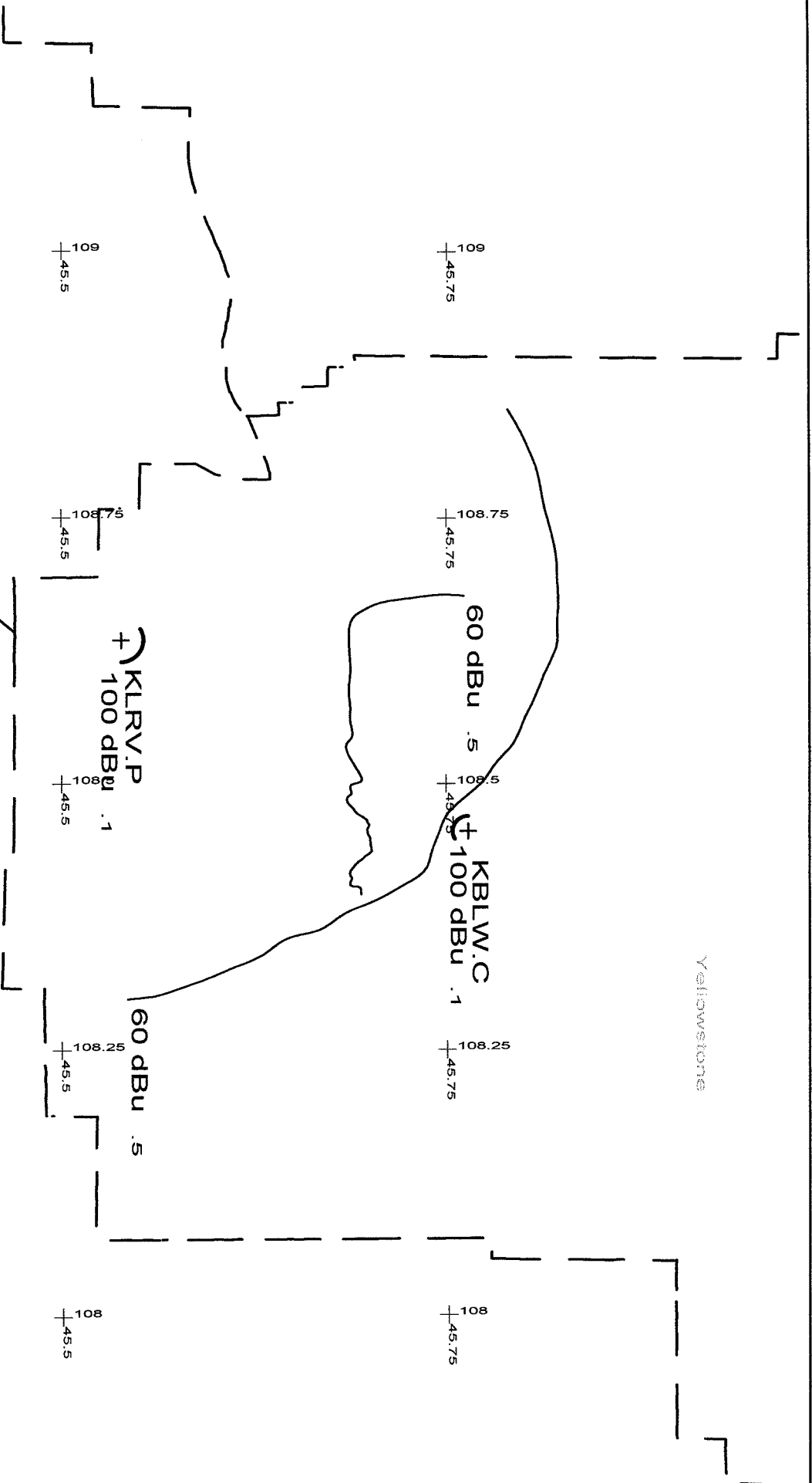
Interfering

100 dBu

Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Actual (dBu)
015.0	000.6250	0330.0	029.3	298.0	000.9800	0160.2	007.2	80.2
016.0	000.6250	0325.8	029.1	297.3	000.9800	0161.4	006.7	81.6
017.0	000.6250	0320.0	028.9	295.7	000.9800	0162.0	006.1	83.1
018.0	000.6250	0314.7	028.6	294.0	000.9800	0161.9	005.6	84.5
019.0	000.6250	0310.9	028.4	292.5	000.9800	0162.4	005.1	86.1
020.0	000.6250	0308.1	028.3	291.3	000.9800	0169.0	004.6	87.9
021.0	000.6250	0305.3	028.2	289.6	000.9800	0175.4	004.1	89.8
022.0	000.6250	0301.5	028.0	286.7	000.9800	0199.2	003.6	92.1
023.0	000.6250	0296.8	027.8	281.9	000.9800	0213.5	003.2	94.2
024.0	000.6250	0291.5	027.6	275.0	000.9800	0221.4	002.8	96.0
025.0	000.6250	0286.6	027.3	266.2	000.9800	0228.7	002.4	97.7
026.0	000.6250	0282.4	027.2	255.4	000.9800	0233.9	002.1	99.1
027.0	000.6250	0278.6	027.0	242.3	000.9800	0233.2	002.0	100.0
028.0	000.6250	0275.5	026.8	227.8	000.9800	0150.1	001.9	99.4
029.0	000.6250	0274.1	026.8	213.2	000.9800	0114.2	001.8	98.8
030.0	000.6250	0274.8	026.8	198.4	000.9800	0098.5	001.8	98.2
031.0	000.6250	0276.8	026.9	183.9	000.9800	0084.4	001.9	97.0
032.0	000.6250	0279.0	027.0	171.1	000.9800	0078.9	002.1	95.2
033.0	000.6250	0281.1	027.1	160.8	000.9800	0100.2	002.4	94.6
034.0	000.6250	0283.4	027.2	152.9	000.9800	0101.7	002.7	92.5
035.0	000.6250	0286.7	027.3	146.3	000.9800	0105.6	003.1	90.7
036.0	000.6250	0290.8	027.5	140.5	000.9800	0109.5	003.5	89.2
037.0	000.6250	0293.8	027.7	136.9	000.9800	0108.6	003.9	87.2
038.0	000.6250	0293.9	027.7	135.8	000.9800	0106.7	004.4	85.2
039.0	000.6250	0291.8	027.6	136.2	000.9800	0106.7	004.9	83.6
040.0	000.6250	0288.3	027.4	137.3	000.9800	0108.6	005.4	82.1

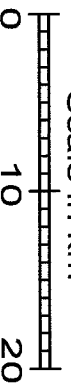


Yellowstone



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Scale in km



KLRV.P 209A .625kW 1539M AMSL  
KBLW.C 211A .25kW 1151M AMSL

Exhibit 15-C  
EMF - 11/03