

EXHIBIT 16

INTERFERENCE ANALYSIS

GRANGEVILLE, ID CHANNEL 202C2

NEW FM

Calvary Chapel Grangeville

October 2007 FCC File Window

Contour Overlap Requirements / Allocation Study

The allocation tabulation for the proposed station is reported on the following pages. A complete explanation of how to read the printout is shown on the page after that. Summarizing the explanation, each pair of lines represents an existing or proposed full service station. Entries which have a negative number in the columns marked **IN** or **OUT** could cause interference with the proposed station. At the bottom of the report the distance to the nearest TV-6 station is reported. For clarity, the groups are discussed in the order they first appear on the tabulation.

Noncommercial Educational Stations and Applications

All the stations/applications listed are clear of prohibited contour overlap on the straight line connecting them to the proposed station, since both the **IN** and **OUT** entries are positive in all cases. Maps are provided for each entry where the straight line clearance was less than 100 km to certify the clearance extends to all azimuths. Visual inspection clearly shows there is no prohibited contour overlap. The applicant is using V-Soft FCC method 03 arc sec engineering. The first line of the printout is 970910, Clarkston WA, Channel 201A. It is shown to be clear of both incoming and outgoing overlap in the closeup of the Map, but FMOVER proofs are supplied for the 60dBu contour of 970910 and the 40 interfering of the Proposed. The other stations are shown to be widely clear of any prohibited contour overlap and only 970910 Channel 201A Clarkston, KDJC.C Baker OR and KLCZ Lewiston contours will be looked at closely in this application.

Class Contour Distance

The maximum proposed ERP is .495 kW, the 8 radial HAAT is 717.5 meters and the class contour distance in kilometers is 41.98km, which after rounding is 42 km. According to §73.211(b)(1), this proposal is a Class C2 class filing.

IF (53 or 54 channel spacing) relationships

There are two(2) IF stations found in the study. KHZS.C 256C St. Regis, MT located a distance of 193.89 and KKZX 255C Spokane, WA located at a distance of 212.32. Separation distance between Proposed Class C2 and both IF's C is 35km making this application compliant.

TV channel 6

KHQ-TV Spokane, at a distance of 211.13km is well inside the range of the specified 257km distance and is looked at in Exhibit 19.

GRANGEVILLE, ID CHANNEL 202C2

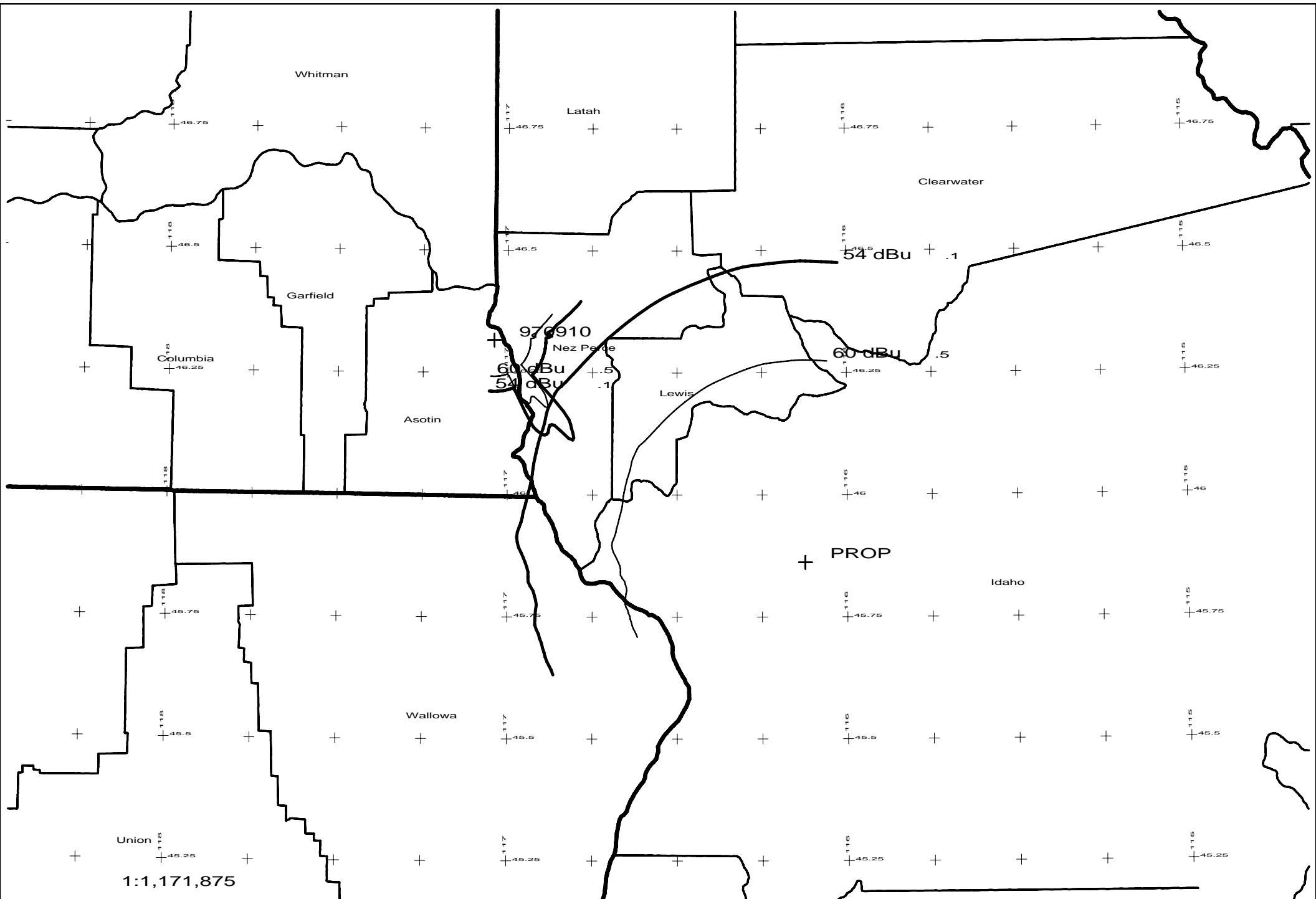
NEW - FM

REFERENCE 45 51 42 N 116 07 25 W CH# 202C2 - 88.3 MHz, Pwr= 0.495 kW, HAAT=717.5 M, COR= 1892 M
 Average Protected F(50-50)= 41.98 km
 Ave. F(50-10) 40 dBu= 109.1 54 dBu= 63.0 80 dBu= 11.6 100 dBu= 1.6 DISPLAY DATES DATA 09-22-07 SEARCH 09-22-07

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*
201A Clarkston	970910	CP WA	CN 305.9 125.9	87.05 BPED19970910MC	46 18 59 117 02 24	0.450 -46	608 11.7	8.3 Upper Columbia Media Assoc	29.29	10.22
201C1 Baker	KDJC.C	CP OR	VX 238.2 58.2	153.26 BPED20070131AJP	45 07 26 117 46 48	6.000 281	1745 65.7	44.3 Csn International	43.71	43.46
202C2 Missoula	KJCG.C	CP MT	VX 56.9 236.9	195.89 BPED19970716MA	46 48 09 113 58 21	1.000 768	1902 122.4	50.3 The Moody Bible Institute	25.82	28.15
203A Pullman	KRLF	LIC WA	VN 319.6 139.6	113.50 BLED19910702KB	46 38 01 117 05 13	0.420 204	1063 31.6	21.3 Living Faith Fellowship Ed	36.24	24.23
203C2 Milton-freewater	KLRF	LIC OR	C 268.5 88.5	164.03 BLED20001220ABZ	45 48 12 118 13 59	7.400 -101	1239 24.8	16.7 Lifetalk Radio, Inc.	97.07	84.06
201C3 Baker	KDJC	LIC OR	VX 238.2 58.2	153.26 BLED20060922AFF	45 07 26 117 46 48	0.500 281	1745 38.8	25.7 Csn International	70.58	62.01
205A Lewiston	KLCZ	LIC ID	CX 311.7 131.7	92.75 BLED20061108AAQ	46 24 45 117 01 31	0.230 -229	278 1.1	6.9 Lewis - Clark State Colleg	46.06	84.25
202C0 Kuna	KARJ	LIC ID	VDX 188.5 8.5	320.56 BLED20050613AFK	43 00 26 116 42 23	23.000 778	2463 175.6	83.0 Educational Media Foundati	108.35	137.70
202C3 Moses Lake	KMLW	LIC WA	CN 296.6 116.6	281.07 BLED19970512KC	46 56 31 119 25 41	4.000 231	527 98.2	37.8 The Moody Bible Institute	137.84	129.78
204C1 Spokane	KAGU	LIC WA	CX 335.4 155.4	211.13 BLED20041119ADR	47 34 52 117 17 47	5.000 443	1187 4.3	52.1 Gonzaga University Telecom	160.95	157.50
201A Kennewick	KTCV	LIC WA	CX 280.6 100.6	241.45 BLED20021017ABB	46 13 09 119 12 01	1.100 75	188 24.1	16.2 Kennewick School District	173.65	159.99
201A Kennewick	KTCV.C	CP WA	DEX 280.6 100.6	241.45 BPED20070815ABU	46 13 09 119 12 01	1.558 75	188 26.3	17.9 Kennewick School District	171.49	158.35
205C3 Baker City	KOBK	LIC OR	CX 223.4 43.4	191.48 BLED20070720ABS	44 35 57 117 46 58	0.600 651	1962 1.7	41.6 Oregon Public Broadcasting	145.62	148.30
204C1 Middleton	931206	CP ID	CX 179.5 359.5	234.12 BPED19931206MB	43 45 18 116 05 52	5.000 604	2174 4.4	60.6 Southern Idaho Corporation	195.66	171.97
256C2 St. Regis	KHZS.C	CP MT	NCX 29.4 209.4	193.89 BMPED20060609ACE	47 22 22 114 51 34	0.850 908	2091 58.7	52.3 Horizon Christian Fellowsh	20.0R	173.9M
255C Spokane	KKZX	LIC WA	CN 335.5 155.5	212.32 BMLH19990302KA	47 35 35 117 17 46	100.000 443	1196 100.5	82.9 Capstar Tx Limited Partner	35.0R	177.3M
204C1 Kalispell	KLKM.C	CP MT	VX 28.5 208.5	274.12 BPED20060817AEI	48 00 48 114 21 55	3.000 747	2073 3.6	60.3 Educational Media Foundati	223.40	212.24
201A Sunnyside	KAYB	LIC WA	CN 281.3 101.3	305.36 BLED19971003KD	46 19 53 120 00 51	0.250 -58	256 10.1	7.1 American Family Associatio	251.55	233.04
06-2C Spokane	KHQT	LIC WA	HY 335.4 155.4	211.13 BMLCT19860805KF	47 34 52 117 17 47	87.100 629	1373	128.1 Khq, Incorporated	To Grd B=	83.03

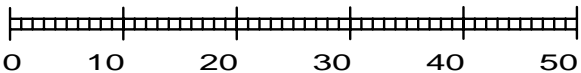
ERP and HAAT are on direct line to and from reference station.

"***Affixed to 'IN' or 'Out' values = site inside protected contour.



1:1,171,875

Scale in Mi



PROP 202C1 .495kW 1891M AMSL

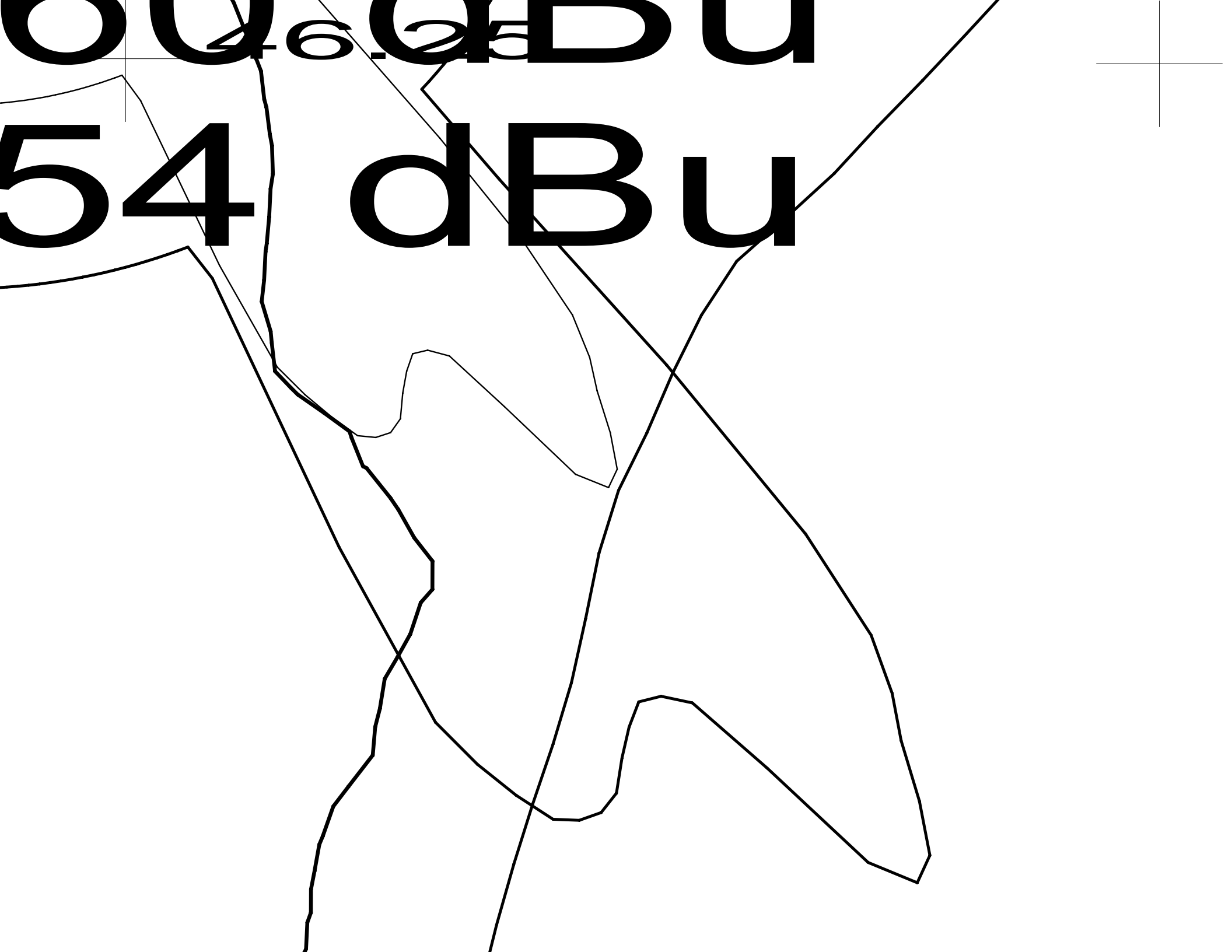
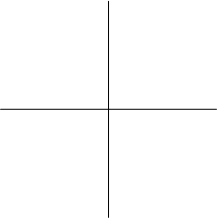
970910 201A .45kW 608M AMSL

PROP vs 970910

Grangeville, ID - 09/07

0046045DBu

54 dBu



09-22-2007 03 Sec. Terrain Data

970910

Channel = 201A

Max ERP = 0.45 kW

RCAMSL = 608 M

N. Lat = 46 18 59

W. Lng = 117 02 24

PROP

Channel = 202C2

Max ERP = 0.495 kW

RCAMSL = 1892 M

N. Lat = 455142

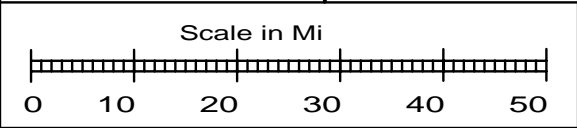
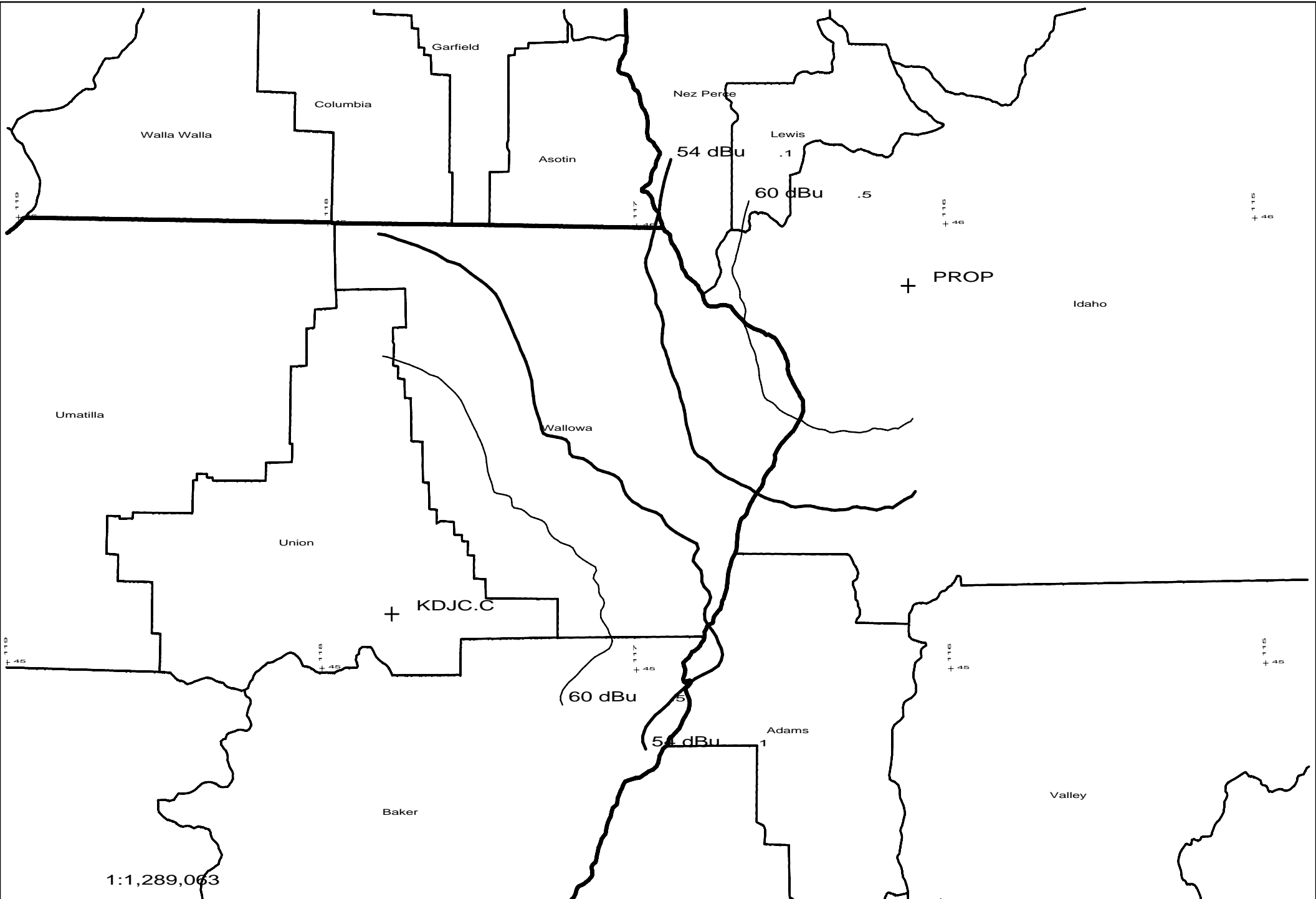
W. Lng = 1160725

Protected
60 dBu

Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
095.0	000.4500	-0014.5	008.3	308.9	000.4950	0848.8	080.0	50.4
096.0	000.4500	-0015.2	008.3	308.8	000.4950	0848.8	080.0	50.4
097.0	000.4500	-0019.5	008.3	308.7	000.4950	0848.8	079.9	50.4
098.0	000.4500	-0026.0	008.3	308.6	000.4950	0848.8	079.8	50.4
099.0	000.4500	-0032.7	008.3	308.5	000.4950	0848.8	079.7	50.4
100.0	000.4500	-0039.4	008.3	308.4	000.4950	0852.1	079.7	50.5
101.0	000.4500	-0045.5	008.3	308.3	000.4950	0852.1	079.6	50.5
102.0	000.4500	-0051.2	008.3	308.2	000.4950	0852.1	079.5	50.5
103.0	000.4500	-0057.1	008.3	308.2	000.4950	0852.1	079.5	50.6
104.0	000.4500	-0059.3	008.3	308.1	000.4950	0852.1	079.4	50.6
105.0	000.4500	-0061.1	008.3	308.0	000.4950	0852.1	079.4	50.6
106.0	000.4500	-0063.2	008.3	307.9	000.4950	0852.1	079.3	50.6
107.0	000.4500	-0064.4	008.3	307.8	000.4950	0852.1	079.3	50.6
108.0	000.4500	-0060.7	008.3	307.7	000.4950	0852.1	079.2	50.6
109.0	000.4500	-0057.9	008.3	307.6	000.4950	0852.1	079.2	50.7
110.0	000.4500	-0053.8	008.3	307.5	000.4950	0855.2	079.1	50.7
111.0	000.4500	-0050.2	008.3	307.4	000.4950	0855.2	079.1	50.7
112.0	000.4500	-0043.1	008.3	307.3	000.4950	0855.2	079.1	50.7
113.0	000.4500	-0022.5	008.3	307.2	000.4950	0855.2	079.0	50.7
114.0	000.4500	0001.4	008.3	307.1	000.4950	0855.2	079.0	50.7
115.0	000.4500	0014.2	008.3	307.0	000.4950	0855.2	079.0	50.8
116.0	000.4500	0006.6	008.3	306.9	000.4950	0855.2	078.9	50.8
117.0	000.4500	-0008.1	008.3	306.8	000.4950	0855.2	078.9	50.8
118.0	000.4500	-0012.9	008.3	306.7	000.4950	0855.2	078.9	50.8
119.0	000.4500	-0008.8	008.3	306.5	000.4950	0855.2	078.9	50.8
120.0	000.4500	0001.2	008.3	306.4	000.4950	0861.8	078.8	50.9
121.0	000.4500	0003.9	008.3	306.3	000.4950	0861.8	078.8	50.9
122.0	000.4500	-0002.9	008.3	306.2	000.4950	0861.8	078.8	50.9
123.0	000.4500	-0014.6	008.3	306.1	000.4950	0861.8	078.8	50.9
124.0	000.4500	-0023.5	008.3	306.0	000.4950	0861.8	078.8	50.9
125.0	000.4500	-0032.8	008.3	305.9	000.4950	0861.8	078.8	50.9
126.0	000.4500	-0045.9	008.3	305.8	000.4950	0861.8	078.8	50.9
127.0	000.4500	-0056.5	008.3	305.7	000.4950	0861.8	078.8	50.9
128.0	000.4500	-0063.5	008.3	305.6	000.4950	0861.8	078.8	50.9
129.0	000.4500	-0060.4	008.3	305.5	000.4950	0861.8	078.8	50.9
130.0	000.4500	-0045.9	008.3	305.4	000.4950	0869.8	078.8	50.9

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
131.0	000.4500	-0027.6	008.3	305.3	000.4950	0869.8	078.9	50.9
132.0	000.4500	-0004.1	008.3	305.2	000.4950	0869.8	078.9	50.9
133.0	000.4500	0017.6	008.3	305.1	000.4950	0869.8	078.9	50.9
134.0	000.4500	0043.6	010.0	304.8	000.4950	0869.8	077.2	51.4
135.0	000.4500	0070.8	012.6	304.3	000.4950	0869.0	074.7	52.2
136.0	000.4500	0101.4	015.0	303.7	000.4950	0869.0	072.4	52.9
137.0	000.4500	0121.7	016.7	303.1	000.4950	0864.7	070.9	53.3
138.0	000.4500	0132.9	017.5	302.7	000.4950	0864.7	070.2	53.5
139.0	000.4500	0140.8	018.0	302.4	000.4950	0859.1	069.7	53.6
140.0	000.4500	0152.0	018.8	301.9	000.4950	0859.1	069.1	53.8
141.0	000.4500	0161.6	019.4	301.5	000.4950	0856.0	068.6	53.9
142.0	000.4500	0164.3	019.5	301.2	000.4950	0856.0	068.6	53.9
143.0	000.4500	0155.1	019.0	301.1	000.4950	0856.0	069.3	53.7
144.0	000.4500	0128.9	017.2	301.4	000.4950	0856.0	071.0	53.2
145.0	000.4500	0110.8	015.8	301.6	000.4950	0859.1	072.4	52.8
146.0	000.4500	0107.0	015.5	301.6	000.4950	0859.1	072.8	52.7
147.0	000.4500	0105.8	015.4	301.4	000.4950	0856.0	073.0	52.6
148.0	000.4500	0108.4	015.6	301.1	000.4950	0856.0	072.9	52.6
149.0	000.4500	0112.2	015.9	300.8	000.4950	0856.0	072.8	52.6
150.0	000.4500	0117.0	016.3	300.5	000.4950	0848.2	072.6	52.6
151.0	000.4500	0118.8	016.4	300.2	000.4950	0848.2	072.6	52.6
152.0	000.4500	0118.1	016.4	300.1	000.4950	0848.2	072.8	52.5
153.0	000.4500	0115.7	016.2	300.0	000.4950	0848.2	073.1	52.5
154.0	000.4500	0109.2	015.7	300.0	000.4950	0848.2	073.7	52.3
155.0	000.4500	0102.0	015.1	300.1	000.4950	0848.2	074.4	52.1



PROP 202C1 .495kW 1891M AMSL
KDJC.C 201C1 6kW 1745M AMSL

PROP vs 970910
Grangeville, ID - 09/07

