

EXHIBIT 15

Contour Overlap Requirements

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 except, of course, the entry reflecting the station being modified. Maps are provided for each entry where the straight line clearance was less than 20 km to certify the clearance extends to all azimuths. Visual inspection clearly shows there is no prohibited contour overlap; the only FMOVER proof needed is between the Proposed and AP205 La Grande. The first line, after the entry of the station being modified, of the printout is KWWS, Walla Walla, WA. It is shown to be clear of both incoming and outgoing overlap in the map.

Maps are sufficient to certify the clearance of all the other entries.

IF (53 or 54 channel spacing) relationships

There were no I.F. channels shown on the study.

TV channel 6

KIVI-TV 6 was found in the search as the closest TV6 station and is examined in Exhibit 18.

Class Contour Distance

The maximum proposed ERP is .120 kW, the 8 radial HAAT is 544.76 meters and the class contour distance in kilometers is 25.57 km, which after rounding is 26 km. According to §73.211(b)(1), this is a Class A class filing.

This allocation study shows that no interference to existing or proposed FM stations will be produced by the proposed application. The Commission may properly grant a construction permit.

CSN INTERNATIONAL

NORTH POWDER, OR
BNPED-2000303ABA

REFERENCE CH# 208A - 89.5 MHz, Pwr= 0.12 kW, HAAT=544.8 M, COR= 1738 M DISPLAY DATES
45 07 26 N Average Protected F(50-50)= 25.57 km DATA 01-15-05
117 46 48 W Ave. F(50-10) 40 dBu= 79.1 54 dBu= 39.5 80 dBu= 6.3 100 dBu= .8 SEARCH 01-17-05

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*
205C North Powder	AP205	APP DCX OR	175.5 355.5	41.31 BNPED20000303ABA	44 45 12 117 44 19	79.307 521	1597 11.9	85.7 Csn International	2.44	-45.14*
209C2 Walla Walla	KWWS	LIC CN WA	342.6 162.6	100.35 BLED19970609KE	45 59 04 118 10 08	3.200 72	1206 30.9	20.9 Washington State Universit	39.17	32.23
205A La Grande	AP205	APP CX OR	309.4 129.4	30.88 BNPED20000301AAY	45 17 58 118 05 05	0.450 -10	968 1.5	8.3 Educational Media Foundati	0.63	21.85
208C1 Caldwell	KTSY	LIC CN ID	138.1 318.1	202.67 BLED19920831KA	43 45 18 116 05 52	8.300 933	2174 163.6	76.1 Gem State Adventist Academ	18.83	63.09
205A Baker	AP205	APP CX OR	191.4 11.4	40.56 BNPED20000209AAE	44 45 58 117 52 54	0.250 422	1458 1.1	26.5 Bright Light Broadcasting,	11.97	13.32
210A Baker	AP210	APP CX OR	191.4 11.4	40.56 BNPED20000118AEK	44 45 58 117 52 54	0.250 425	1461 1.1	26.6 Abundant Life Broadcasting	11.97	13.23
205C3 Baker City	990903	APP CN OR	180.2 0.2	58.31 BPED19990903MD	44 35 57 117 46 58	0.600 722	1962 1.7	43.9 Oregon Public Broadcasting	28.68	13.63
06Z2C Nampa	KIVI	LI HN ID	138.1 318.1	202.57 BLCT20011217AAZ	43 45 21 116 05 54	56.000 1005	2240	135.2 To Grd B= Journal Broadcast Corporat		67.39

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

HOW TO READ THE FM COMPUTER PRINT-OUT

The computer print-out should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from the data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

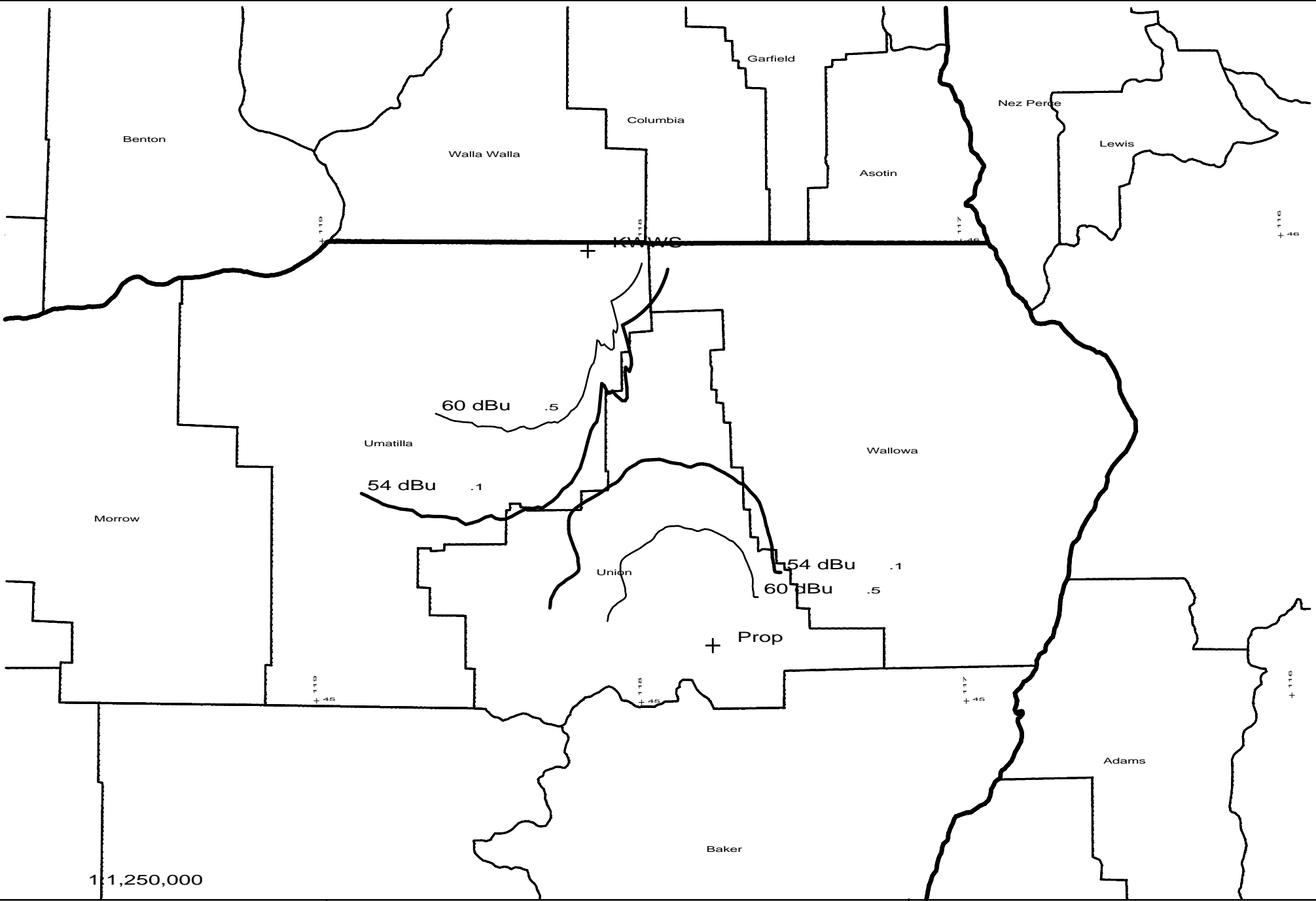
The column listed “*IN*” is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90). Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of with standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights along the azimuths between the reference station and the database station are used and visa versa. The column labeled “*OUT*” shows the distance of kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing interference.

For I.F., commercial, international and other spacing based relationships, the “IN” and “OUT” columns change their significance. The letter “R” stands for the minimum required distance in kilometers, while the letter “M” in the next column follows the available clear space separation in kilometers or “Margin”. Minimum commercial separation distances were taken from Sec 73.207 of the rules as amended. This procedure is also used for all Canadian and Mexican spacing. Canadian separation distances were derived from the “Canadian/American Working Agreement”.

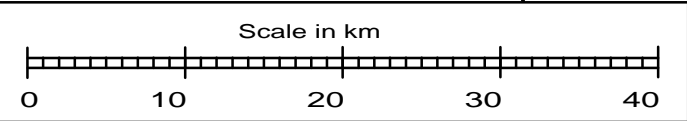
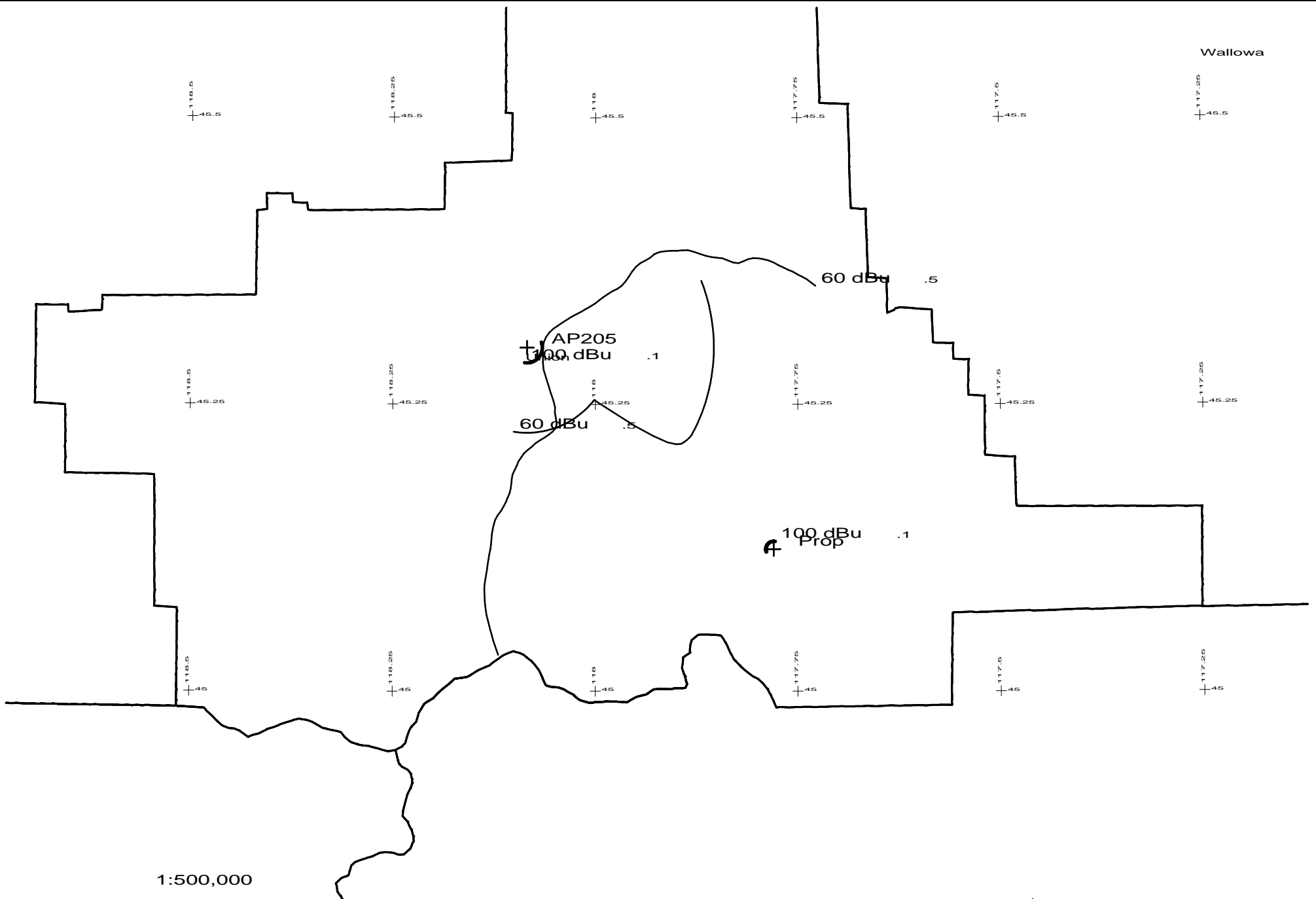
Under the “BEARING” column, the first row of numbers indicated the bearings from true north of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

The columns labeled “INT” and “PRO” hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

The first three letters of the “TYPE” column identify the current F.C.C. status of the stations. The fourth letter will be a “D” or “Z” (Sec. 73.215) if the facility is directional. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a ‘Y’ if the antenna uses beam tilt.



<p>Scale in km</p>  <p>0 10 20 30 40 50 60 70</p>	<p>Prop 208A .12kW 1738M AMSL</p> <p>KWWS 209C2 3.2kW 1206M AMSL</p>	<p>Prop vs KWWS</p> <p>CSN - 01/05</p>
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Prop 208A	.12kW	1738M AMSL
AP205	205A	.45kW 968M AMSL

Prop vs AP205
CSN - 01/05

01-17-2005 03 Sec. Terrain Data

Prop
 Channel = 208A
 Max ERP = 0.12 kW
 RCAMSL = 1738 M
 N. Lat = 450726
 W. Lng = 1174648

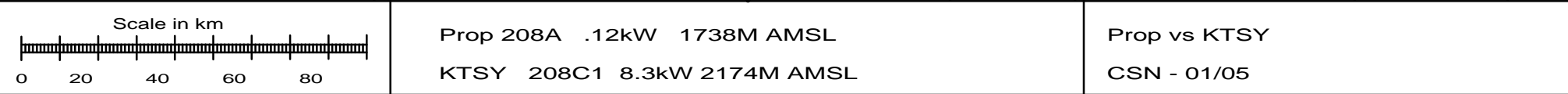
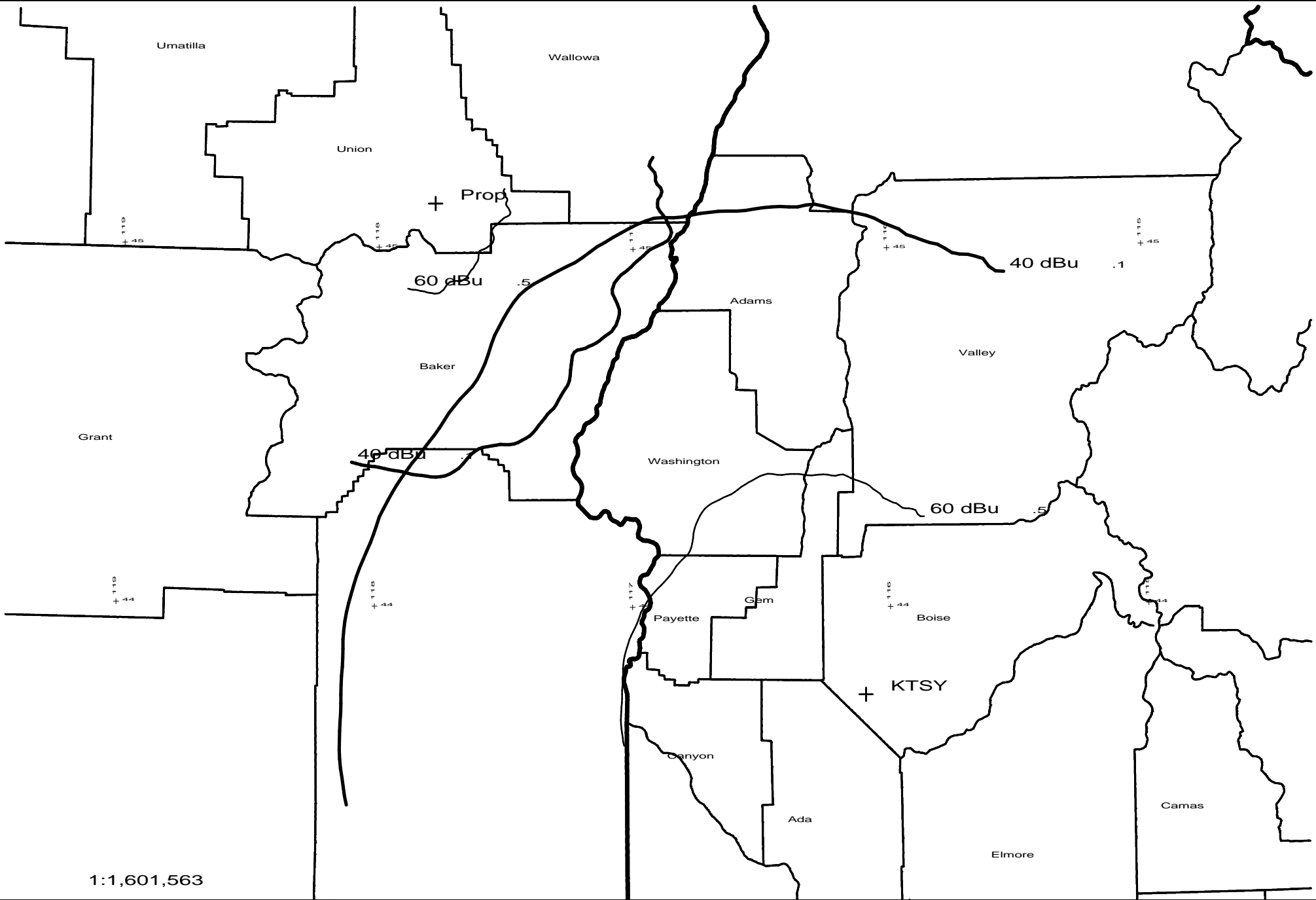
AP205 BNPED20000301AAY
 Channel = 205A
 Max ERP = 0.45 kW
 RCAMSL = 968 M
 N. Lat = 45 17 58
 W. Lng = 118 05 05

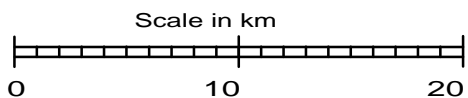
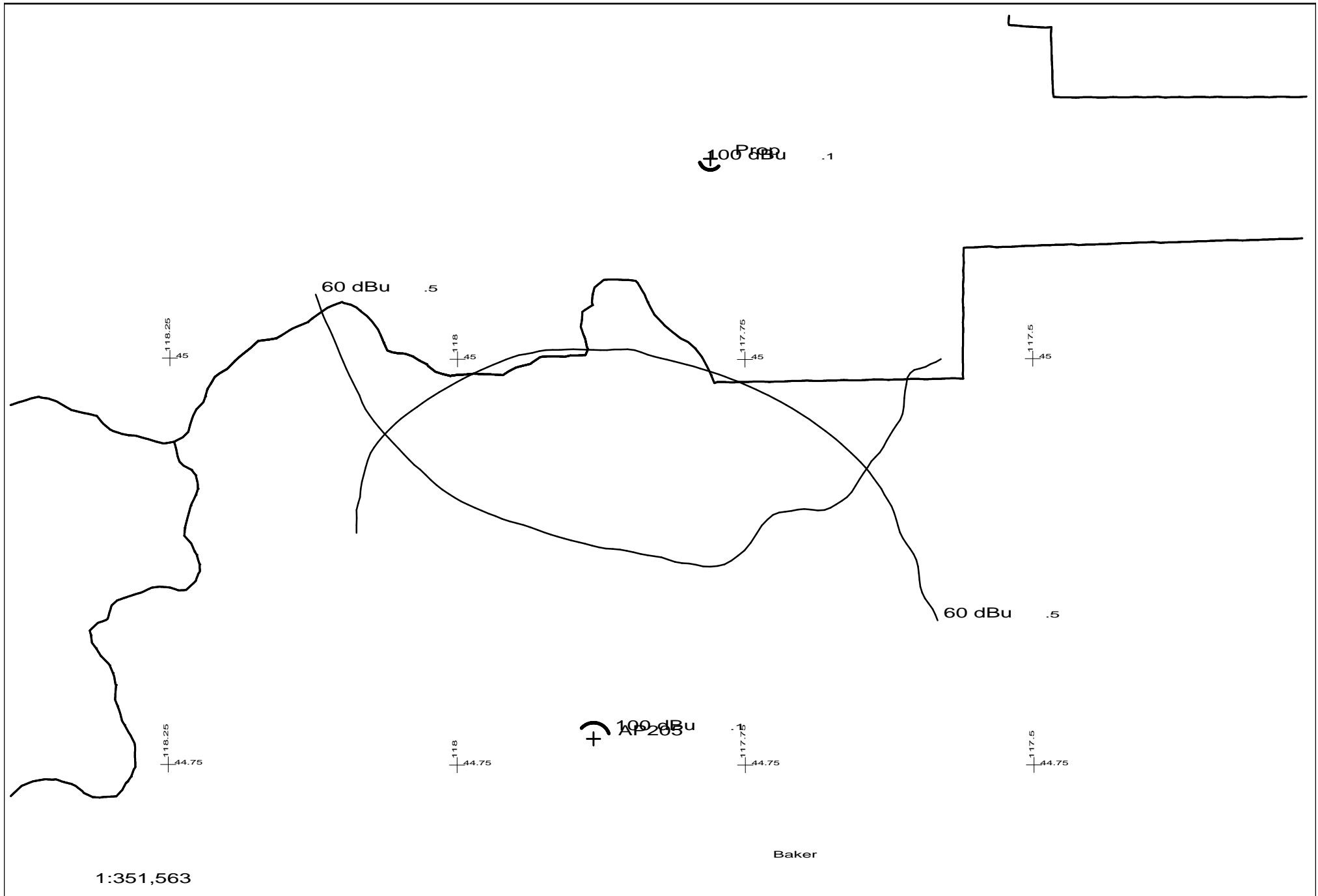
Protected
 60 dBu

Interfering
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
279.0	000.1200	0581.6	026.5	188.2	000.4500	-0519.6	015.5	49.1
280.0	000.1200	0575.7	026.4	187.7	000.4500	-0519.6	015.1	49.5
281.0	000.1200	0571.7	026.3	187.2	000.4500	-0529.3	014.6	50.0
282.0	000.1200	0567.8	026.2	186.7	000.4500	-0529.3	014.2	50.5
283.0	000.1200	0567.8	026.2	186.5	000.4500	-0529.3	013.7	51.1
284.0	000.1200	0569.7	026.2	186.5	000.4500	-0536.1	013.3	51.7
285.0	000.1200	0572.4	026.3	186.5	000.4500	-0529.3	012.8	52.4
286.0	000.1200	0573.9	026.3	186.3	000.4500	-0536.1	012.3	53.0
287.0	000.1200	0571.6	026.3	185.7	000.4500	-0536.1	011.9	53.7
288.0	000.1200	0568.8	026.2	184.9	000.4500	-0542.2	011.5	54.4
289.0	000.1200	0567.2	026.1	184.2	000.4500	-0542.9	011.0	55.1
290.0	000.1200	0562.8	026.0	182.9	000.4500	-0543.3	010.6	55.7
291.0	000.1200	0558.1	025.9	181.5	000.4500	-0548.6	010.2	56.4
292.0	000.1200	0549.3	025.7	179.4	000.4500	-0559.4	009.9	57.0
293.0	000.1200	0540.1	025.4	177.0	000.4500	-0565.4	009.6	57.6
294.0	000.1200	0533.2	025.3	174.8	000.4500	-0548.8	009.3	58.1
295.0	000.1200	0523.5	025.0	171.9	000.4500	-0465.6	009.0	58.5
296.0	000.1200	0513.5	024.7	168.8	000.4500	-0395.6	008.9	58.9
297.0	000.1200	0505.7	024.5	165.9	000.4500	-0352.7	008.7	59.2
298.0	000.1200	0499.1	024.3	163.0	000.4500	-0300.1	008.5	59.6
299.0	000.1200	0495.8	024.2	160.4	000.4500	-0293.8	008.3	60.0
300.0	000.1200	0499.5	024.3	158.6	000.4500	-0278.9	007.9	60.7
301.0	000.1200	0511.0	024.6	157.7	000.4500	-0257.9	007.4	61.8
302.0	000.1200	0524.1	025.0	156.6	000.4500	-0228.8	006.8	63.2
303.0	000.1200	0533.1	025.3	154.7	000.4500	-0177.1	006.4	64.4
304.0	000.1200	0551.1	025.7	153.4	000.4500	-0139.1	005.7	66.2
305.0	000.1200	0575.4	026.3	152.2	000.4500	-0124.3	005.0	68.6
306.0	000.1200	0601.7	027.0	150.2	000.4500	-0103.4	004.2	71.3
307.0	000.1200	0631.7	027.6	147.4	000.4500	-0073.7	003.4	75.0
308.0	000.1200	0663.3	028.3	142.5	000.4500	-0075.5	002.6	79.8
309.0	000.1200	0684.6	028.8	132.3	000.4500	-0075.2	002.1	84.0
310.0	000.1200	0704.9	029.2	115.8	000.4500	0141.7	001.7	96.8
311.0	000.1200	0726.2	029.7	091.8	000.4500	0142.2	001.5	98.1
312.0	000.1200	0740.7	030.0	071.1	000.4500	0141.9	001.7	96.8
313.0	000.1200	0748.5	030.2	060.1	000.4500	0141.4	002.1	94.2
314.0	000.1200	0751.4	030.2	055.4	000.4500	0141.1	002.6	91.3

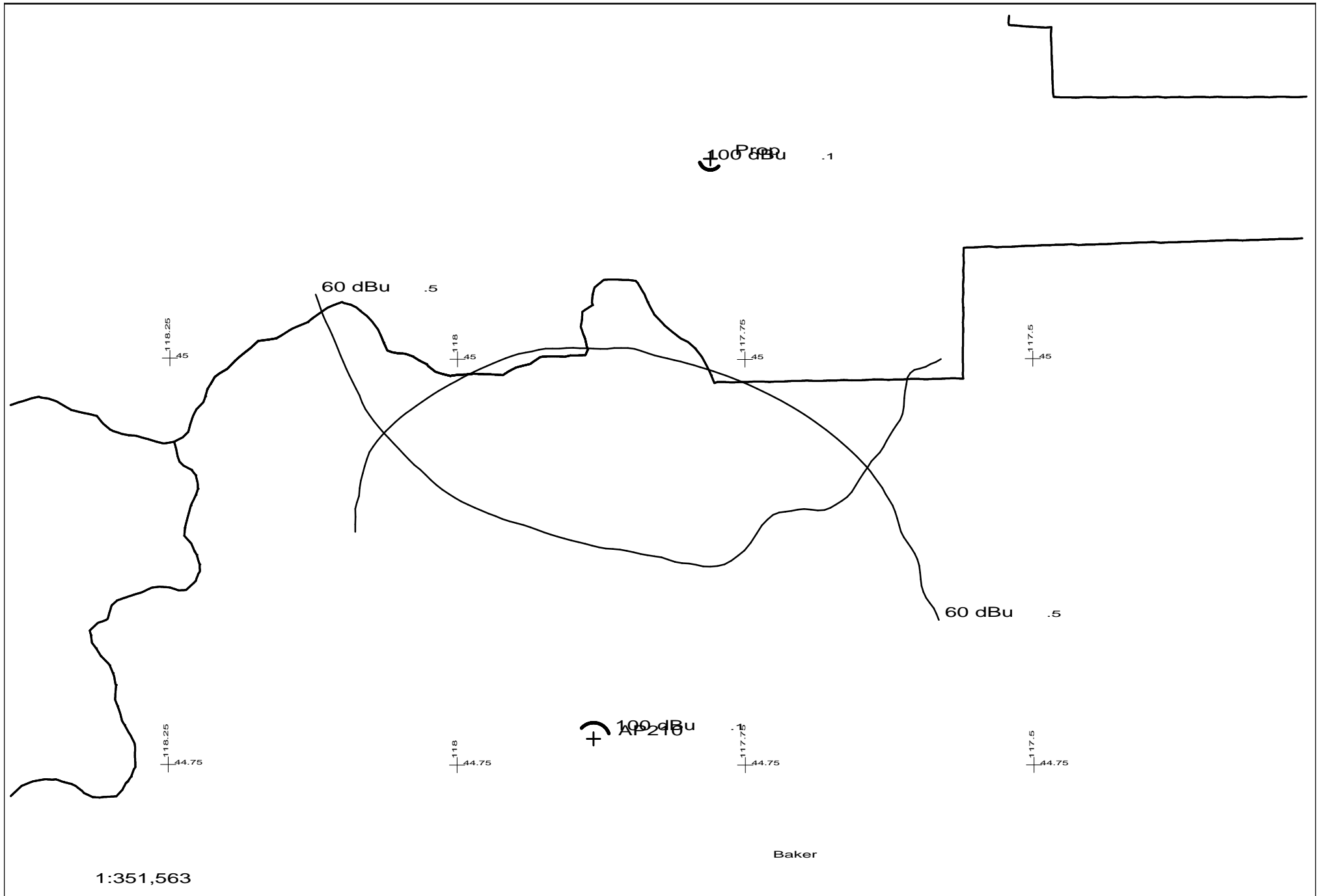
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
315.0	000.1200	0750.4	030.2		053.9	000.4500	0141.0	003.1	88.7
316.0	000.1200	0746.8	030.1		054.0	000.4500	0141.0	003.7	86.5
317.0	000.1200	0742.6	030.0		054.3	000.4500	0141.0	004.2	84.5
318.0	000.1200	0738.6	029.9		054.6	000.4500	0141.1	004.7	82.7
319.0	000.1200	0734.5	029.8		054.9	000.4500	0141.1	005.3	81.1
320.0	000.1200	0729.6	029.7		055.5	000.4500	0141.1	005.8	79.5
321.0	000.1200	0724.6	029.6		056.1	000.4500	0141.2	006.3	78.0
322.0	000.1200	0720.7	029.5		056.4	000.4500	0141.2	006.8	76.6
323.0	000.1200	0717.8	029.5		056.6	000.4500	0141.2	007.4	75.3
324.0	000.1200	0716.3	029.4		056.7	000.4500	0141.2	007.9	74.2
325.0	000.1200	0716.9	029.5		056.4	000.4500	0141.2	008.4	73.1
326.0	000.1200	0717.7	029.5		056.3	000.4500	0141.2	008.9	72.1
327.0	000.1200	0718.5	029.5		056.1	000.4500	0141.2	009.4	71.1
328.0	000.1200	0718.0	029.5		056.3	000.4500	0141.2	009.9	70.2
329.0	000.1200	0715.7	029.4		056.6	000.4500	0141.2	010.4	69.3
330.0	000.1200	0717.7	029.5		056.5	000.4500	0141.2	011.0	68.4
331.0	000.1200	0725.3	029.6		055.9	000.4500	0141.2	011.5	67.6
332.0	000.1200	0737.4	029.9		054.8	000.4500	0141.1	012.0	66.7
333.0	000.1200	0751.3	030.2		053.7	000.4500	0141.0	012.6	65.9
334.0	000.1200	0761.6	030.5		053.1	000.4500	0140.9	013.1	65.1
335.0	000.1200	0767.7	030.6		053.0	000.4500	0140.9	013.7	64.4
336.0	000.1200	0769.3	030.6		053.3	000.4500	0140.9	014.2	63.8
337.0	000.1200	0771.3	030.7		053.6	000.4500	0141.0	014.8	63.2
338.0	000.1200	0778.8	030.8		053.5	000.4500	0140.9	015.3	62.8
339.0	000.1200	0779.2	030.9		053.9	000.4500	0141.0	015.8	62.3

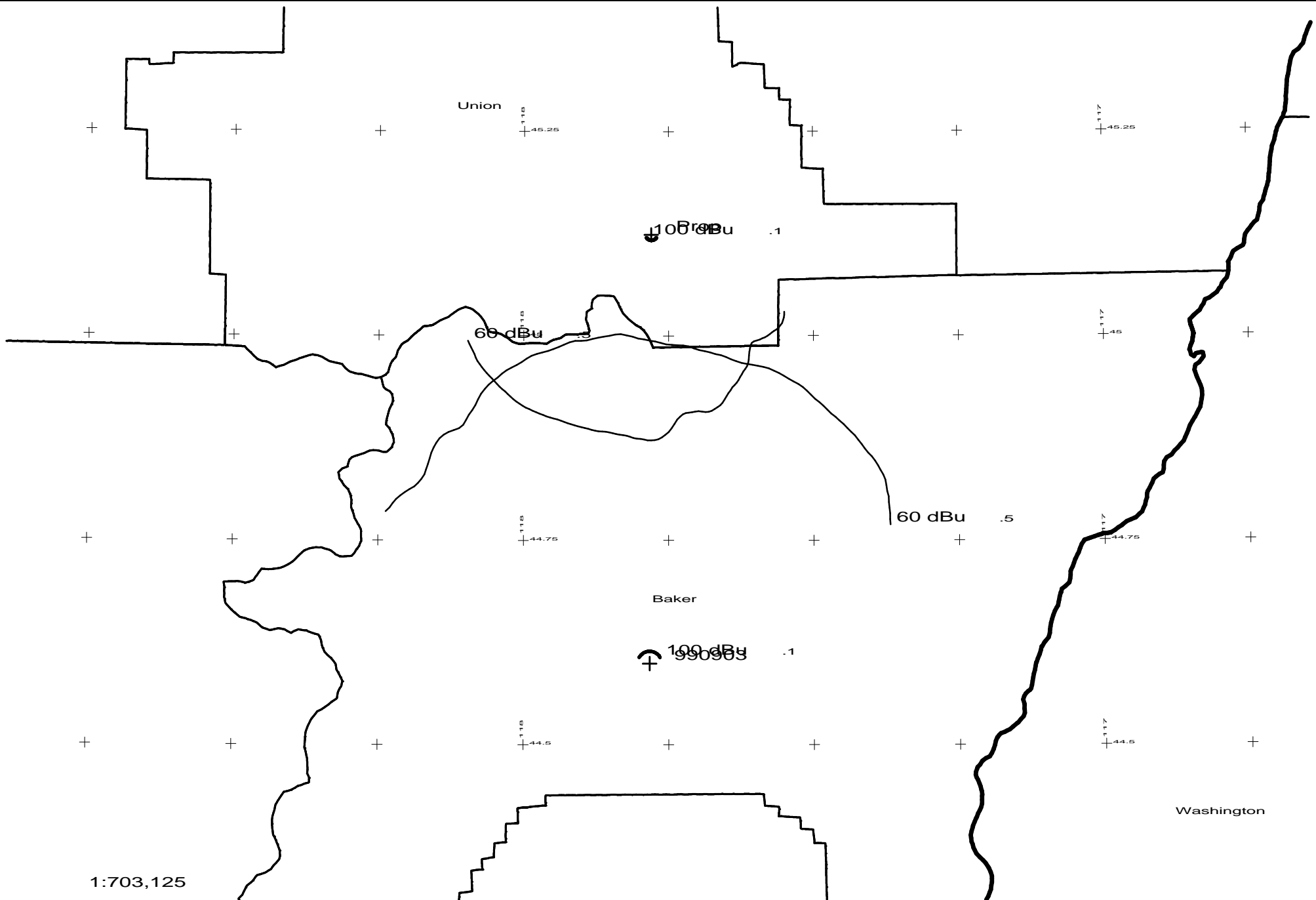


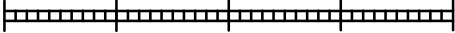


Prop 208A .12kW 1738M AMSL
AP205 205A .25kW 1458M AMSL

Prop vs AP205
CSN - 01/05





<p>Scale in km</p>  <p>0 10 20 30 40</p>	<p>Prop 208A .12kW 1738M AMSL</p> <p>990903 205C3 .6kW 1962M AMSL</p>	<p>Prop vs 990903</p> <p>CSN - 01/05</p>
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N. Lat. = 45 07 26 W. Lng. = 117 46 48
HAAT and Distance to Contour - FCC Method - 03 Arc Sec.

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1098.4	639.6	0.1200	-9.21	1.000	27.79
045	1505.1	232.9	0.1200	-9.21	1.000	16.51
090	1328.5	409.5	0.1200	-9.21	1.000	21.87
135	1388.0	350.0	0.1200	-9.21	1.000	20.33
180	1090.4	647.6	0.1200	-9.21	1.000	27.96
225	1034.1	703.9	0.1200	-9.21	1.000	29.18
270	1113.8	624.2	0.1200	-9.21	1.000	27.45
315	987.6	750.4	0.1200	-9.21	1.000	30.20

Ave El= 1193.24 M HAAT= 544.76 M AMSL= 1738