VSS
Move KJWM to New Site - Prior to KLPR's move to Channel 216

REFERENCE	CH# 218C2 - 91.5 MHz, Pwr= 11.4 kW, HAAT= 180.4 M, COR= 783.9 M	DISPLAY DATES
40 43 44.0 N.	Average Protected F(50-50)= 42.6 km	DATA 08-26-10
98 34 12.8 W.	Omni-directional	SEARCH 08-26-10

| CH | CALL | TYPE | ANT | AZI | DIST | LAT | PWR(kW) | INT(km) | PRO(km) | *IN* | *OUT* |
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
218A KJWM		CP	_CX	38.0	25.5	40 54 35.0	1.500	46.7	12.6	-65.0*<	-98.3<**
Grand Island		NE		218.1	BPED20090706AAZ	98 23 00.0	51	620	Vss Catholic Communication		
218A KJWM		LIC	_CX	38.0	25.5	40 54 35.0	1.500	40.9	11.2	-59.2*<	-96.9<**
Grand Island		NE		218.1	BLED20090504ACP	98 23 00.0	30	599	Vss Catholic Communication		
217A KLPR		LIC	_CN	267.2	44.3	40 42 30.0	1.000	20.5	13.3	-18.1<	-31.6<***
Kearney		NE		86.9	BLED19850118KK	99 05 45.0	37	698	University Of Nebraska At		
272C1 KRNY«		LIC	_C_	238.3	26.7	40 36 08.0	79.000	2.5	28.7	26.5R	0.24M
Kearney		NE		58.1	BMLH20020430AAL	98 50 21.0	331	967	Nrg License Sub, Llc		
220C3 NEW		CP	ZVX	75.8	52.2	40 50 34.0	25.000	2.3	23.1	6.4	24.6
Aurora		NE		256.1	BMPED20090908AAN	97 58 09.0	42	583	Dawn Adventist Broadcastin		
221C1 KHZZ«		CP	NCX	326.4	110.2	41 33 08.0	100.000	7.1	55.2	78.5R	31.7M
Sargent		NE		145.9	BPED20080306ABZ	99 18 09.0	104	823	Mission Nebraska, Inc.		
219A KUTN		CP	DCX	74.3	113.8	40 59 52.0	3.000	24.3	16.2	45.8	32.6
Utica		NE		255.2	BNPED20071018ANL	97 16 02.0	100	575	Gospel American Network		
218A KSNB		CP	_CX	227.7	152.6	39 47 51.0	0.250	40.3	11.7	71.4	33.3
Norton		KS		46.8	BMPED20080617ACN	99 53 29.0	52	775	American Family Associatio		
218C1 KIOS-FM		LIC	_CN	73.1	225.5	41 17 15.0	55.000	141.0	54.1	40.2	60.3
Omaha		NE		254.8	BLED19890508KA	95 59 37.0	169	503	Douglas County School Dist		
218A KOEC		CP	_CX	357.6	173.4	42 17 19.2	3.000	67.2	19.0	63.0	43.5
O'neill		NE		177.6	BMPED20080506AAA	98 39 24.4	61	685	Church Planters Of America		
217C2 KPSS		CP	DVX	296.3	155.5	41 20 08.0	40.000	66.9	43.1	47.3	45.5
Broken Bow		NE		115.2	BNPED20071019APM	100 14 12.0	150	1030	Dayspring Ministries Of Co		

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.

** Station being modified.
*** KLPR is moving from channel 217 to channel 216 in a contingent application filed by the University of
    Nebraska at Kearney. Please see Page #2 of this exhibit.

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                    Doug Vernier Telecommunications Consultants
                    401 Main Street Suite 213, Cedar Falls, IA 50613

                                      VSS
                    Move KJWM to New Site - With KLPR on Channel 216
REFERENCE          CH#  218C2 - 91.5 MHz, Pwr= 11.4 kW,  HAAT= 180.4 M,  COR= 783.9 M     DISPLAY DATES
40 43 44.0 N.                  Average Protected F(50-50)= 42.6 km                         DATA    08-26-10
98 34 12.8 W.                          Omni-directional                                   SEARCH  08-26-10
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CH    CALL     TYPE  ANT   AZI    DIST          LAT        PWR(kW)  INT(km)   PRO(km)    *IN*      *OUT*
CITY           STATE       <--    FILE #        LNG        HAAT(M)  COR(M)    LICENSEE  (Overlap in km)
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218A  KJWM     CP   _CX    38.0   25.5          40 54 35.0  1.500    46.7     12.6     -65.0*<    -98.3<**
Grand Island    NE        218.1   BPED20090706AAZ  98 23 00.0   51     620     Vss Catholic Communication

218A  KJWM     LIC  _CX    38.0   25.5          40 54 35.0  1.500    40.9     11.2     -59.2*<    -96.9<**
Grand Island    NE        218.1   BLED20090504ACP  98 23 00.0   30     599     Vss Catholic Communication

272C1 KRNY«    LIC  _C_   238.3   26.7          40 36 08.0 79.000     2.5     28.7      26.5R      0.24M
Kearney         NE         58.1   BMLH20020430AAL  98 50 21.0  331     967     Nrg License Sub, Llc

216A  KLPR     LIC  _CN   267.2   44.3          40 42 30.0  1.000     1.6     13.3       0.5      26.7***
Kearney         NE         86.9   BLED19850118KK   99 05 45.0   37     698     University Of Nebraska At

220C3 NEW      CP   ZVX    75.8   52.2          40 50 34.0 25.000     2.3     23.1       6.4      24.6
Aurora          NE        256.1   BMPED20090908AAN 97 58 09.0   42     583     Dawn Adventist Broadcastin

221C1 KHZZ«    CP   NCX   326.4   110.2         41 33 08.0 100.000    7.1     55.2      78.5R     31.7M
Sargent         NE        145.9   BPED20080306ABZ  99 18 09.0  104     823     Mission Nebraska, Inc.

219A  KUTN     CP   DCX    74.3   113.8         40 59 52.0  3.000    24.3     16.2      45.8      32.6
Utica           NE        255.2   BNPED20071018ANL 97 16 02.0  100     575     Gospel American Network

218A  KSNB     CP   _CX   227.7   152.6         39 47 51.0  0.250    40.3     11.7      71.4      33.3
Norton          KS         46.8   BMPED20080617ACN 99 53 29.0   52     775     American Family Associatio

218C1 KIOS-FM  LIC  _CN    73.1   225.5         41 17 15.0 55.000   141.0     54.1      40.2      60.3
Omaha           NE        254.8   BLED19890508KA   95 59 37.0  169     503     Douglas County School Dist

218A  KOEC     CP   _CX   357.6   173.4         42 17 19.2  3.000    67.2     19.0      63.0      43.5
O'neill         NE        177.6   BMPED20080506AAA 98 39 24.4   61     685     Church Planters Of America

217C2 KPSS     CP   DVX   296.3   155.5         41 20 08.0 40.000    66.9     43.1      47.3      45.5
Broken Bow      NE        115.2   BNPED20071019APM 100 14 12.0  150    1030     Dayspring Ministries Of Co

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Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.
** Station being modified.
*** - KLPR is moving from channel 217 to channel 216 in a contingent application filed by the University of
      Nebraska at Kearney.
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HOW TO READ THE FM COMPUTER PRINT-OUT

Full Service Stations

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. Contour distances are in kilometers and are predicted 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 difference in kilometers between of the reference station's protected contour and the data file station's interference contour at the closest point between the contours. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, "IN" column is a measure of incoming interference. Negative distances in this column indicate the presence of contour overlap. Listed antenna heights and power are those given in the FCC database. The column labeled "OUT " shows the greatest distance in kilometers of overlap or smallest of clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing contour overlap.

Under the "AZI" column, the first row of numbers indicate the True North bearings from the reference station toward the database stations, while the numbers in the second row indicate the reverse bearings from the database stations to the reference station.

The columns labeled "INT" and "PRO" contain the distance in kilometers of the ap-propriate interference contour and the protected contour of a data base station.

For I.F. relationships, some channel-six TV relationships and relationships with commercial channel stations providing clearance the minimum spacings values the "IN" and "OUT" columns can 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** (or lack of it) in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The call letters of stations meeting the minimum separation distances under the rules will be flagged by the characters "<<" appended to the right-hand side of the call sign. The "^" character appended to the call sign means the station has been "max-classed" according to the provisions of section 73.525 of the Rules.

The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna. 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 or an "X" if the commission is not sure, otherwise it will be an "N" or left blank.

VSS Catholic Communications
KJWM (New) vs. KLPR (on channel 216)

FMCommander Single Allocation Study - 08-26-2010 - FCC NGDC 30 Sec
KJWMNew's Overlaps (In= 0.54 km, Out= 26.74 km)

KJWMNew CH 218 C2   KLPR CH 216 A   BLED19850118KK
Lat= 40 43 44.0,   Lng= 98 34 12.8   Lat= 40 42 30.0,   Lng= 99 05 45.0
11.4 kW 180.4 M HAAT, 783.9 M COR   1.0 kW 37 M HAAT, 698 M COR
Prot.= 60 dBu, Intef.= 100 dBu   Prot.= 60 dBu, Intef.= 100 dBu
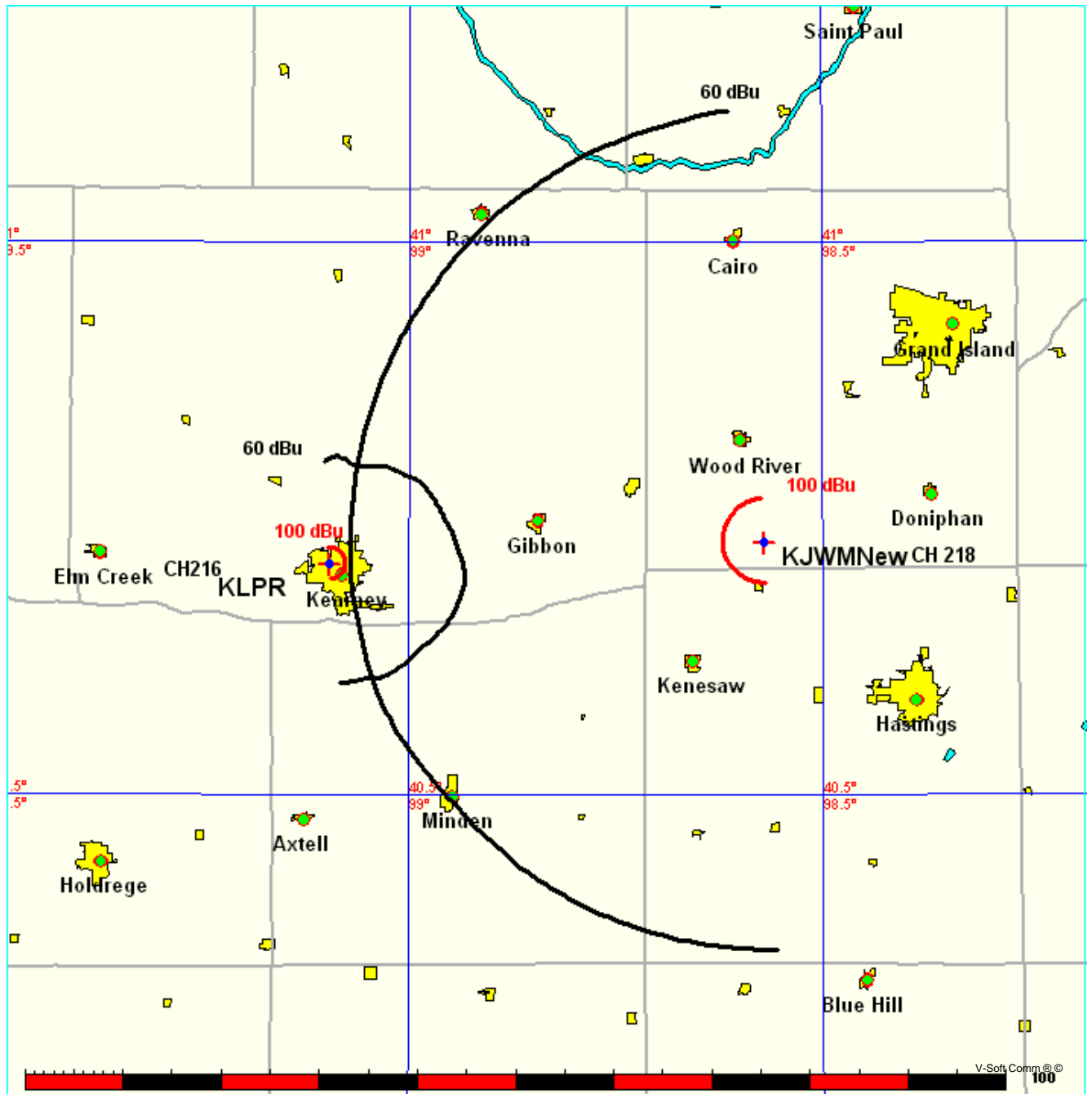
KJWMNew   KLPR   BLED19850118KK

Channel = 218C2   Channel = 216A
Max ERP = 11.4 kW   Max ERP = 1 kW
RCAMSL = 783.9 M   RCAMSL = 698 M
N. Lat. 40 43 44.0   N. Lat. 40 42 30.0
W. Lng. 98 34 12.8   W. Lng. 99 05 45.0
Protected   Interfering
   60 dBu   100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
207.0	011.4000	0164.5	041.0	143.0	001.0000	0048.0	042.9	40.93	
208.0	011.4000	0164.6	041.0	143.4	001.0000	0048.0	042.3	41.14	
209.0	011.4000	0164.7	041.0	143.8	001.0000	0048.0	041.7	41.36	
210.0	011.4000	0164.7	041.0	144.2	001.0000	0048.0	041.0	41.58	
211.0	011.4000	0164.8	041.1	144.6	001.0000	0048.0	040.4	41.81	
212.0	011.4000	0164.8	041.1	145.0	001.0000	0048.0	039.7	42.05	
213.0	011.4000	0164.9	041.1	145.5	001.0000	0048.0	039.0	42.29	
214.0	011.4000	0164.9	041.1	145.9	001.0000	0048.0	038.4	42.53	
215.0	011.4000	0165.0	041.1	146.3	001.0000	0048.0	037.7	42.78	
216.0	011.4000	0165.0	041.1	146.7	001.0000	0048.0	037.1	43.04	
217.0	011.4000	0165.0	041.1	147.1	001.0000	0048.0	036.4	43.30	
218.0	011.4000	0164.7	041.0	147.4	001.0000	0048.0	035.7	43.57	
219.0	011.4000	0164.3	041.0	147.7	001.0000	0048.0	035.0	43.84	
220.0	011.4000	0164.0	041.0	148.1	001.0000	0048.0	034.3	44.12	
221.0	011.4000	0164.1	041.0	148.4	001.0000	0048.0	033.6	44.40	
222.0	011.4000	0164.4	041.0	148.8	001.0000	0048.0	033.0	44.68	
223.0	011.4000	0164.7	041.0	149.3	001.0000	0048.0	032.3	44.96	
224.0	011.4000	0165.1	041.1	149.7	001.0000	0048.0	031.6	45.25	
225.0	011.4000	0165.5	041.1	150.1	001.0000	0048.0	030.9	45.57	
226.0	011.4000	0165.7	041.1	150.5	001.0000	0048.0	030.2	45.91	
227.0	011.4000	0165.5	041.1	150.8	001.0000	0048.0	029.5	46.28	
228.0	011.4000	0165.2	041.1	151.1	001.0000	0048.0	028.8	46.67	
229.0	011.4000	0165.1	041.1	151.4	001.0000	0048.0	028.1	47.08	
230.0	011.4000	0165.5	041.1	151.8	001.0000	0048.0	027.4	47.50	
231.0	011.4000	0166.4	041.2	152.3	001.0000	0048.0	026.7	47.94	
232.0	011.4000	0167.2	041.3	152.8	001.0000	0048.0	026.1	48.40	
233.0	011.4000	0167.9	041.4	153.2	001.0000	0048.0	025.4	48.87	
234.0	011.4000	0168.3	041.4	153.6	001.0000	0048.0	024.7	49.36	
235.0	011.4000	0168.6	041.5	154.0	001.0000	0048.0	023.9	49.87	
236.0	011.4000	0169.0	041.5	154.4	001.0000	0047.9	023.2	50.39	
237.0	011.4000	0169.5	041.6	154.7	001.0000	0047.9	022.5	50.93	
238.0	011.4000	0170.1	041.6	155.1	001.0000	0047.8	021.8	51.46	
239.0	011.4000	0170.9	041.7	155.6	001.0000	0047.7	021.1	52.01	
240.0	011.4000	0171.7	041.8	156.0	001.0000	0047.6	020.4	52.56	
241.0	011.4000	0172.7	041.9	156.5	001.0000	0047.4	019.7	53.11	
242.0	011.4000	0173.5	042.0	157.0	001.0000	0047.2	018.9	53.67	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
243.0	011.4000	0174.2	042.0	157.4	001.0000	0047.0	018.2	54.24
244.0	011.4000	0174.7	042.1	157.7	001.0000	0046.8	017.5	54.83
245.0	011.4000	0175.1	042.1	158.0	001.0000	0046.6	016.8	55.42
246.0	011.4000	0175.5	042.2	158.2	001.0000	0046.4	016.0	56.02
247.0	011.4000	0175.8	042.2	158.4	001.0000	0046.3	015.3	56.63
248.0	011.4000	0176.1	042.2	158.6	001.0000	0046.2	014.5	57.19
249.0	011.4000	0176.2	042.2	158.7	001.0000	0046.1	013.8	58.10
250.0	011.4000	0176.3	042.2	158.6	001.0000	0046.1	013.1	59.10
251.0	011.4000	0176.3	042.2	158.5	001.0000	0046.2	012.3	60.19
252.0	011.4000	0176.2	042.2	158.3	001.0000	0046.4	011.6	61.35
253.0	011.4000	0176.1	042.2	158.0	001.0000	0046.6	010.9	62.59
254.0	011.4000	0176.0	042.2	157.5	001.0000	0046.9	010.1	63.89
255.0	011.4000	0175.9	042.2	157.0	001.0000	0047.2	009.4	65.25
256.0	011.4000	0175.9	042.2	156.2	001.0000	0047.5	008.7	66.64
257.0	011.4000	0175.8	042.2	155.2	001.0000	0047.8	007.9	68.06
258.0	011.4000	0175.9	042.2	154.0	001.0000	0048.0	007.2	69.66
259.0	011.4000	0175.9	042.2	152.5	001.0000	0048.0	006.5	71.47
260.0	011.4000	0176.0	042.2	150.4	001.0000	0048.0	005.8	73.54
261.0	011.4000	0176.2	042.2	147.8	001.0000	0048.0	005.1	75.86
262.0	011.4000	0176.4	042.2	144.2	001.0000	0048.0	004.4	78.26
263.0	011.4000	0176.5	042.2	139.0	001.0000	0048.0	003.8	80.98
264.0	011.4000	0176.5	042.3	131.6	001.0000	0048.0	003.2	83.86
265.0	011.4000	0176.3	042.2	120.8	001.0000	0052.4	002.7	87.65
266.0	011.4000	0176.2	042.2	106.1	001.0000	0056.0	002.4	90.74
267.0	011.4000	0176.1	042.2	088.1	001.0000	0053.7	002.3	91.41
268.0	011.4000	0175.9	042.2	070.1	001.0000	0047.2	002.4	89.25
269.0	011.4000	0175.7	042.2	055.3	001.0000	0046.2	002.7	86.54
270.0	011.4000	0175.7	042.2	044.4	001.0000	0042.8	003.2	82.84
271.0	011.4000	0175.6	042.2	036.7	001.0000	0039.5	003.8	79.24
272.0	011.4000	0175.5	042.2	031.2	001.0000	0038.0	004.4	76.18
273.0	011.4000	0175.3	042.1	027.3	001.0000	0035.3	005.1	73.18
274.0	011.4000	0175.2	042.1	024.4	001.0000	0033.7	005.7	70.59
275.0	011.4000	0175.1	042.1	022.2	001.0000	0032.5	006.4	68.29
276.0	011.4000	0175.0	042.1	020.6	001.0000	0031.8	007.1	66.29
277.0	011.4000	0174.9	042.1	019.3	001.0000	0031.3	007.9	64.57
278.0	011.4000	0175.0	042.1	018.3	001.0000	0030.7	008.6	63.02
279.0	011.4000	0175.0	042.1	017.5	001.0000	0030.1	009.3	61.54
280.0	011.4000	0175.1	042.1	016.8	001.0000	0029.8	010.0	60.21
281.0	011.4000	0175.1	042.1	016.4	001.0000	0029.6	010.8	58.96
282.0	011.4000	0175.2	042.1	016.0	001.0000	0029.5	011.5	57.77
283.0	011.4000	0175.2	042.1	015.8	001.0000	0029.5	012.2	56.64
284.0	011.4000	0175.3	042.1	015.6	001.0000	0029.5	013.0	55.57
285.0	011.4000	0175.4	042.1	015.5	001.0000	0029.5	013.7	54.58
286.0	011.4000	0175.4	042.2	015.5	001.0000	0029.5	014.4	53.66
287.0	011.4000	0175.5	042.2	015.5	001.0000	0029.5	015.2	52.87
288.0	011.4000	0175.6	042.2	015.5	001.0000	0029.5	015.9	52.23
289.0	011.4000	0175.7	042.2	015.6	001.0000	0029.5	016.6	51.61
290.0	011.4000	0175.8	042.2	015.7	001.0000	0029.5	017.4	50.99
291.0	011.4000	0175.8	042.2	015.9	001.0000	0029.5	018.1	50.38
292.0	011.4000	0175.8	042.2	016.1	001.0000	0029.5	018.8	49.78
293.0	011.4000	0175.9	042.2	016.3	001.0000	0029.6	019.6	49.18

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
294.0	011.4000	0175.9	042.2	016.6	001.0000	0029.7	020.3	48.60
295.0	011.4000	0175.9	042.2	016.8	001.0000	0029.8	021.0	48.03
296.0	011.4000	0176.0	042.2	017.1	001.0000	0029.9	021.8	47.47
297.0	011.4000	0176.1	042.2	017.4	001.0000	0030.1	022.5	46.94
298.0	011.4000	0176.3	042.2	017.6	001.0000	0030.2	023.2	46.45
299.0	011.4000	0176.4	042.2	017.9	001.0000	0030.4	024.0	45.98
300.0	011.4000	0176.6	042.3	018.2	001.0000	0030.6	024.7	45.53
301.0	011.4000	0176.8	042.3	018.5	001.0000	0030.8	025.4	45.10
302.0	011.4000	0176.9	042.3	018.9	001.0000	0031.1	026.1	44.68
303.0	011.4000	0177.0	042.3	019.2	001.0000	0031.3	026.8	44.28
304.0	011.4000	0177.1	042.3	019.6	001.0000	0031.4	027.6	43.89
305.0	011.4000	0177.2	042.3	019.9	001.0000	0031.6	028.3	43.51
306.0	011.4000	0177.3	042.3	020.3	001.0000	0031.7	029.0	43.15
307.0	011.4000	0177.4	042.3	020.6	001.0000	0031.8	029.7	42.80
308.0	011.4000	0177.6	042.4	021.0	001.0000	0031.9	030.4	42.49
309.0	011.4000	0177.9	042.4	021.4	001.0000	0032.1	031.1	42.19
310.0	011.4000	0178.2	042.4	021.7	001.0000	0032.2	031.8	41.93
311.0	011.4000	0178.5	042.4	022.1	001.0000	0032.4	032.6	41.70
312.0	011.4000	0178.7	042.5	022.5	001.0000	0032.7	033.3	41.47
313.0	011.4000	0179.1	042.5	022.8	001.0000	0032.9	034.0	41.25
314.0	011.4000	0179.4	042.5	023.2	001.0000	0033.1	034.7	41.03
315.0	011.4000	0179.7	042.5	023.6	001.0000	0033.3	035.4	40.81
316.0	011.4000	0180.0	042.6	024.0	001.0000	0033.5	036.1	40.60
317.0	011.4000	0180.4	042.6	024.4	001.0000	0033.7	036.8	40.39
318.0	011.4000	0180.9	042.6	024.8	001.0000	0033.9	037.5	40.18
319.0	011.4000	0181.3	042.7	025.2	001.0000	0034.1	038.2	39.98
320.0	011.4000	0181.6	042.7	025.6	001.0000	0034.3	038.9	39.79
321.0	011.4000	0181.8	042.7	026.0	001.0000	0034.5	039.5	39.60
322.0	011.4000	0182.0	042.7	026.4	001.0000	0034.8	040.2	39.43
323.0	011.4000	0182.1	042.7	026.9	001.0000	0035.1	040.9	39.27
324.0	011.4000	0182.0	042.7	027.3	001.0000	0035.3	041.6	39.11
325.0	011.4000	0181.9	042.7	027.8	001.0000	0035.7	042.2	38.97
326.0	011.4000	0181.8	042.7	028.3	001.0000	0036.0	042.9	38.83

```
     08-26-2010    FCC NGDC 30 Sec Terrain Data


     KLPR   BLED19850118KK                    KJWMNew

     Channel = 216A                           Channel =  218C2
     Max ERP = 1 kW                           Max ERP = 11.4 kW
     RCAMSL =  698 M                          RCAMSL =  783.9 M
     N. Lat. 40 42 30.0                       N. Lat. 40 43 44.0
     W. Lng. 99 05 45.0                       W. Lng. 98 34 12.8
     Protected                                Interfering
        60  dBu                                  100  dBu



  Azimuth    ERP    HAAT    Dist  | Azimuth     ERP    HAAT    Dist    Actual   IX
 (degrees)  (kW)    (m)     (km)  |(degrees)   (kW)    (m)     (km)    (dBu)   (km)
---------------------------------|----------------------------------------------------
 027.0  001.0000  0035.1  010.9  | 280.9  011.4000  0175.1  040.0  62.76
 028.0  001.0000  0035.8  011.0  | 280.9  011.4000  0175.1  039.8  62.86
 029.0  001.0000  0036.5  011.1  | 281.0  011.4000  0175.1  039.6  62.96
 030.0  001.0000  0037.2  011.2  | 281.0  011.4000  0175.1  039.4  63.06
 031.0  001.0000  0037.9  011.3  | 281.0  011.4000  0175.1  039.2  63.17
 032.0  001.0000  0038.4  011.4  | 281.0  011.4000  0175.1  039.0  63.27
 033.0  001.0000  0038.6  011.4  | 281.0  011.4000  0175.1  038.8  63.36
 034.0  001.0000  0038.7  011.4  | 280.9  011.4000  0175.1  038.6  63.45
 035.0  001.0000  0038.9  011.4  | 280.8  011.4000  0175.1  038.4  63.54
 036.0  001.0000  0039.2  011.5  | 280.7  011.4000  0175.1  038.2  63.64
 037.0  001.0000  0039.7  011.5  | 280.7  011.4000  0175.1  038.0  63.74
 038.0  001.0000  0040.1  011.6  | 280.6  011.4000  0175.1  037.8  63.84
 039.0  001.0000  0040.3  011.6  | 280.5  011.4000  0175.1  037.6  63.94
 040.0  001.0000  0040.4  011.7  | 280.4  011.4000  0175.1  037.4  64.03
 041.0  001.0000  0040.8  011.7  | 280.3  011.4000  0175.1  037.2  64.13
 042.0  001.0000  0041.5  011.8  | 280.3  011.4000  0175.1  037.0  64.24
 043.0  001.0000  0042.1  011.9  | 280.2  011.4000  0175.1  036.7  64.35
 044.0  001.0000  0042.6  012.0  | 280.1  011.4000  0175.1  036.5  64.46
 045.0  001.0000  0043.2  012.0  | 280.0  011.4000  0175.1  036.3  64.56
 046.0  001.0000  0043.9  012.1  | 280.0  011.4000  0175.1  036.1  64.68
 047.0  001.0000  0044.6  012.2  | 279.9  011.4000  0175.0  035.9  64.80
 048.0  001.0000  0045.2  012.3  | 279.8  011.4000  0175.0  035.6  64.91
 049.0  001.0000  0045.7  012.4  | 279.6  011.4000  0175.0  035.4  65.01
 050.0  001.0000  0045.9  012.4  | 279.5  011.4000  0175.0  035.2  65.11
 051.0  001.0000  0046.0  012.4  | 279.2  011.4000  0175.0  035.1  65.19
 052.0  001.0000  0045.9  012.4  | 279.0  011.4000  0175.0  034.9  65.27
 053.0  001.0000  0045.9  012.4  | 278.7  011.4000  0175.0  034.8  65.35
 054.0  001.0000  0046.0  012.4  | 278.5  011.4000  0175.0  034.6  65.43
 055.0  001.0000  0046.2  012.5  | 278.3  011.4000  0175.0  034.4  65.52
 056.0  001.0000  0046.2  012.5  | 278.0  011.4000  0175.0  034.3  65.59
 057.0  001.0000  0046.2  012.5  | 277.7  011.4000  0175.0  034.2  65.67
 058.0  001.0000  0046.1  012.4  | 277.4  011.4000  0174.9  034.0  65.73
 059.0  001.0000  0046.1  012.4  | 277.1  011.4000  0174.9  033.9  65.80
```

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
060.0	001.0000	0046.1	012.5	276.8	011.4000	0174.9	033.8	65.87
061.0	001.0000	0046.2	012.5	276.6	011.4000	0175.0	033.6	65.95
062.0	001.0000	0046.3	012.5	276.3	011.4000	0175.0	033.5	66.02
063.0	001.0000	0046.4	012.5	276.0	011.4000	0175.0	033.3	66.09
064.0	001.0000	0046.5	012.5	275.7	011.4000	0175.1	033.2	66.16
065.0	001.0000	0046.6	012.5	275.3	011.4000	0175.1	033.1	66.22
066.0	001.0000	0046.7	012.5	275.0	011.4000	0175.1	033.0	66.29
067.0	001.0000	0046.8	012.5	274.7	011.4000	0175.2	032.9	66.35
068.0	001.0000	0046.9	012.5	274.4	011.4000	0175.2	032.8	66.40
069.0	001.0000	0046.9	012.6	274.0	011.4000	0175.2	032.7	66.46
070.0	001.0000	0047.2	012.6	273.7	011.4000	0175.3	032.5	66.53
071.0	001.0000	0047.5	012.6	273.4	011.4000	0175.3	032.4	66.60
072.0	001.0000	0048.0	012.7	273.0	011.4000	0175.3	032.3	66.67
073.0	001.0000	0048.4	012.8	272.7	011.4000	0175.4	032.1	66.74
074.0	001.0000	0048.6	012.8	272.3	011.4000	0175.4	032.0	66.80
075.0	001.0000	0049.0	012.8	272.0	011.4000	0175.5	031.9	66.86
076.0	001.0000	0049.2	012.9	271.6	011.4000	0175.5	031.8	66.91
077.0	001.0000	0049.4	012.9	271.2	011.4000	0175.5	031.8	66.96
078.0	001.0000	0049.8	012.9	270.9	011.4000	0175.6	031.7	67.01
079.0	001.0000	0050.1	013.0	270.5	011.4000	0175.6	031.6	67.06
080.0	001.0000	0050.5	013.0	270.1	011.4000	0175.6	031.5	67.11
081.0	001.0000	0050.8	013.1	269.7	011.4000	0175.7	031.4	67.16
082.0	001.0000	0051.2	013.1	269.3	011.4000	0175.7	031.3	67.20
083.0	001.0000	0051.5	013.2	268.9	011.4000	0175.8	031.3	67.24
084.0	001.0000	0051.8	013.2	268.5	011.4000	0175.8	031.2	67.28
085.0	001.0000	0052.2	013.3	268.0	011.4000	0175.9	031.1	67.32
086.0	001.0000	0052.6	013.3	267.6	011.4000	0175.9	031.1	67.35
087.0	001.0000	0053.0	013.4	267.2	011.4000	0176.0	031.0	67.39
088.0	001.0000	0053.6	013.4	266.8	011.4000	0176.1	031.0	67.43
089.0	001.0000	0054.2	013.5	266.3	011.4000	0176.2	030.9	67.47
090.0	001.0000	0054.7	013.6	265.9	011.4000	0176.2	030.9	67.50
091.0	001.0000	0055.2	013.6	265.4	011.4000	0176.3	030.8	67.52
092.0	001.0000	0055.7	013.7	265.0	011.4000	0176.4	030.8	67.55
093.0	001.0000	0056.2	013.7	264.5	011.4000	0176.4	030.8	67.56
094.0	001.0000	0056.6	013.8	264.1	011.4000	0176.5	030.7	67.57
095.0	001.0000	0056.8	013.8	263.6	011.4000	0176.5	030.8	67.56
096.0	001.0000	0057.2	013.9	263.1	011.4000	0176.5	030.8	67.55
097.0	001.0000	0057.4	013.9	262.7	011.4000	0176.4	030.8	67.53
098.0	001.0000	0057.6	013.9	262.3	011.4000	0176.4	030.9	67.50
099.0	001.0000	0057.8	013.9	261.8	011.4000	0176.3	030.9	67.47
100.0	001.0000	0057.7	013.9	261.4	011.4000	0176.3	031.0	67.42
101.0	001.0000	0057.4	013.9	261.0	011.4000	0176.2	031.1	67.35
102.0	001.0000	0057.1	013.8	260.6	011.4000	0176.1	031.2	67.28
103.0	001.0000	0056.8	013.8	260.2	011.4000	0176.0	031.3	67.21
104.0	001.0000	0056.5	013.8	259.8	011.4000	0176.0	031.5	67.13
105.0	001.0000	0056.3	013.7	259.5	011.4000	0175.9	031.6	67.06
106.0	001.0000	0056.1	013.7	259.1	011.4000	0175.9	031.7	66.99
107.0	001.0000	0055.9	013.7	258.7	011.4000	0175.9	031.9	66.92
108.0	001.0000	0055.8	013.7	258.4	011.4000	0175.9	032.0	66.85
109.0	001.0000	0055.7	013.7	258.0	011.4000	0175.9	032.1	66.78
110.0	001.0000	0055.6	013.7	257.7	011.4000	0175.9	032.3	66.71

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
111.0	001.0000	0055.5	013.7	257.3	011.4000	0175.8	032.4	66.63
112.0	001.0000	0055.3	013.6	257.0	011.4000	0175.8	032.5	66.55
113.0	001.0000	0055.2	013.6	256.7	011.4000	0175.8	032.7	66.47
114.0	001.0000	0054.9	013.6	256.4	011.4000	0175.8	032.9	66.38
115.0	001.0000	0054.6	013.5	256.1	011.4000	0175.9	033.1	66.29
116.0	001.0000	0054.3	013.5	255.8	011.4000	0175.9	033.2	66.19
117.0	001.0000	0054.0	013.5	255.5	011.4000	0175.9	033.4	66.10
118.0	001.0000	0053.8	013.4	255.3	011.4000	0175.9	033.6	66.01
119.0	001.0000	0053.4	013.4	255.0	011.4000	0175.9	033.8	65.90
120.0	001.0000	0052.9	013.3	254.8	011.4000	0175.9	034.0	65.79
121.0	001.0000	0052.3	013.3	254.6	011.4000	0176.0	034.2	65.68
122.0	001.0000	0051.9	013.2	254.5	011.4000	0176.0	034.4	65.58
123.0	001.0000	0051.6	013.2	254.2	011.4000	0176.0	034.6	65.48
124.0	001.0000	0051.4	013.1	254.0	011.4000	0176.0	034.8	65.38
125.0	001.0000	0051.2	013.1	253.8	011.4000	0176.0	035.0	65.28
126.0	001.0000	0051.0	013.1	253.6	011.4000	0176.0	035.2	65.18
127.0	001.0000	0050.6	013.0	253.5	011.4000	0176.1	035.4	65.07
128.0	001.0000	0049.9	013.0	253.4	011.4000	0176.1	035.6	64.95
129.0	001.0000	0049.1	012.9	253.3	011.4000	0176.1	035.9	64.83
130.0	001.0000	0048.5	012.8	253.2	011.4000	0176.1	036.1	64.71
131.0	001.0000	0048.1	012.7	253.1	011.4000	0176.1	036.3	64.60
132.0	001.0000	0048.0	012.7	252.9	011.4000	0176.1	036.5	64.51
133.0	001.0000	0048.0	012.7	252.8	011.4000	0176.1	036.7	64.41
134.0	001.0000	0048.0	012.7	252.6	011.4000	0176.1	036.9	64.31
135.0	001.0000	0048.0	012.7	252.4	011.4000	0176.2	037.1	64.22
136.0	001.0000	0048.0	012.7	252.3	011.4000	0176.2	037.3	64.12
137.0	001.0000	0048.0	012.7	252.1	011.4000	0176.2	037.5	64.02
138.0	001.0000	0048.0	012.7	252.0	011.4000	0176.2	037.7	63.92
139.0	001.0000	0048.0	012.7	251.9	011.4000	0176.2	037.9	63.82
140.0	001.0000	0048.0	012.7	251.7	011.4000	0176.2	038.1	63.72
141.0	001.0000	0048.0	012.7	251.6	011.4000	0176.2	038.3	63.62
142.0	001.0000	0048.0	012.7	251.5	011.4000	0176.2	038.5	63.52
143.0	001.0000	0048.0	012.7	251.4	011.4000	0176.2	038.7	63.42
144.0	001.0000	0048.0	012.7	251.3	011.4000	0176.2	039.0	63.32
145.0	001.0000	0048.0	012.7	251.2	011.4000	0176.3	039.2	63.22
146.0	001.0000	0048.0	012.7	251.1	011.4000	0176.3	039.4	63.12

VSS Catholic Communications
KJWM (New) vs. New Aurora CP

FMCommander Single Allocation Study - 08-26-2010 - FCC NGDC 30 Sec
KJWMNew's Overlaps (In= 6.41 km, Out= 24.65 km)

KJWMNew CH 218 C2
Lat= 40 43 44.0,   Lng= 98 34 12.8
11.4 kW 180.4 M HAAT, 783.9 M COR
Prot.= 60 dBu, Intef.= 100 dBu

NEW-C CH 220 C3 73.215 Z BMPED20090908AAN
Lat= 40 50 34.0,   Lng= 97 58 09.0
25.0 kW 42 M HAAT, 583 M COR
Prot.= 60 dBu, Intef.= 100 dBu
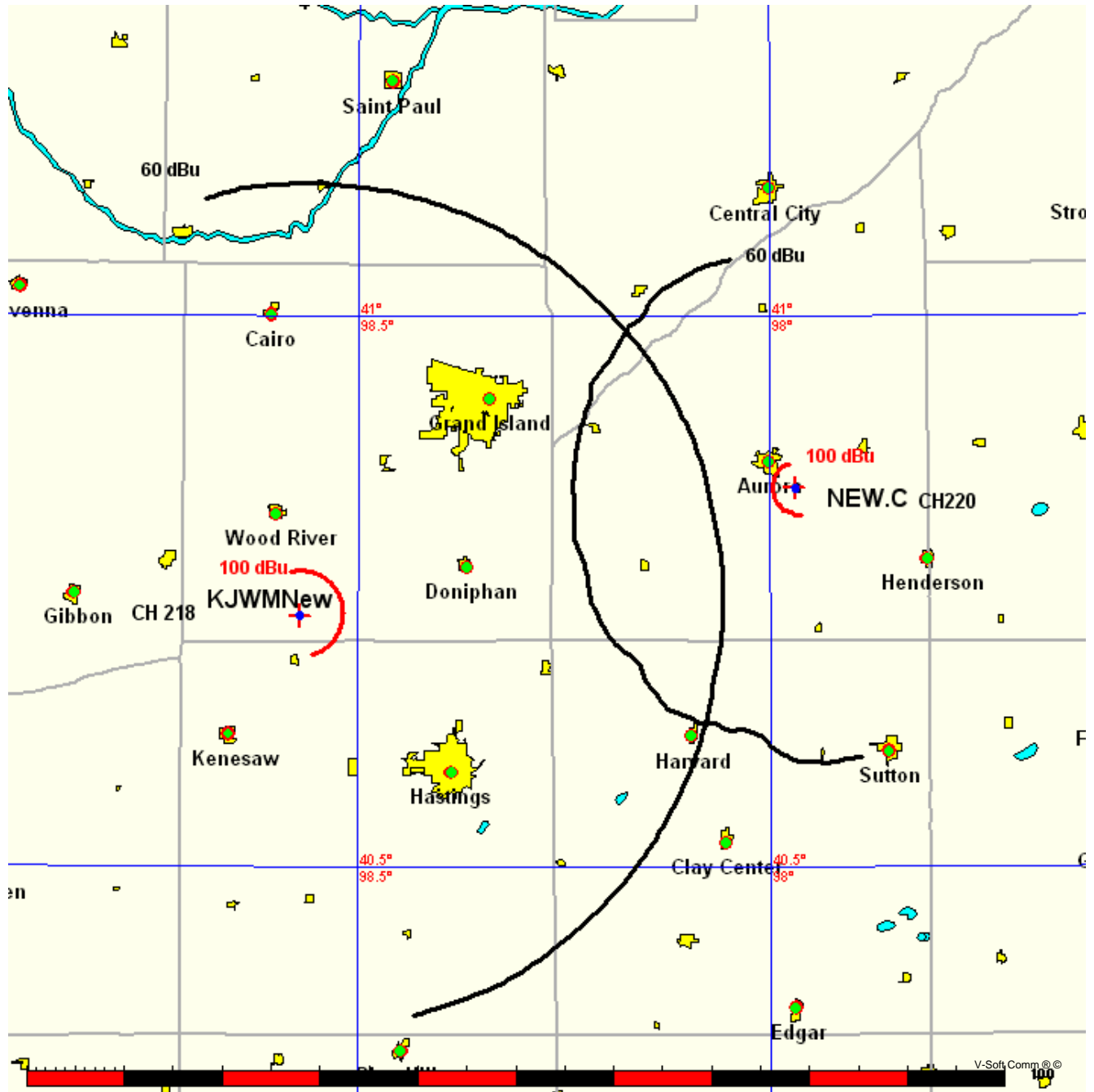
KJWMNew   NEW-C   BMPED20090908AAN

Channel = 218C2   Channel = 220C3
Max ERP = 11.4 kW   Max ERP = 25 kW
RCAMSL = 783.9 M   RCAMSL = 583 M
N. Lat. 40 43 44.0   N. Lat. 40 50 34.0
W. Lng. 98 34 12.8   W. Lng. 97 58 09.0
Protected   Interfering
    60 dBu   100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
016.0	011.4000	0193.3	043.6	307.5	025.0000	0031.1	048.4	50.46	
017.0	011.4000	0193.4	043.6	307.8	025.0000	0031.1	047.7	50.64	
018.0	011.4000	0193.5	043.7	308.1	025.0000	0031.2	047.0	50.82	
019.0	011.4000	0193.6	043.7	308.5	025.0000	0031.3	046.2	51.00	
020.0	011.4000	0193.7	043.7	308.8	025.0000	0031.3	045.5	51.19	
021.0	011.4000	0193.8	043.7	309.1	025.0000	0031.4	044.8	51.39	
022.0	011.4000	0193.8	043.7	309.4	025.0000	0031.5	044.1	51.60	
023.0	011.4000	0194.1	043.7	309.7	025.0000	0031.5	043.4	51.81	
024.0	011.4000	0194.4	043.7	310.0	025.0000	0031.6	042.6	52.03	
025.0	011.4000	0194.8	043.8	310.3	025.0000	0031.6	041.9	52.26	
026.0	011.4000	0195.1	043.8	310.6	025.0000	0031.7	041.2	52.49	
027.0	011.4000	0195.1	043.8	310.8	025.0000	0031.8	040.4	52.74	
028.0	011.4000	0195.1	043.8	311.1	025.0000	0031.9	039.7	52.99	
029.0	011.4000	0195.2	043.8	311.3	025.0000	0032.0	039.0	53.26	
030.0	011.4000	0195.3	043.8	311.6	025.0000	0032.1	038.2	53.53	
031.0	011.4000	0195.3	043.8	311.8	025.0000	0032.2	037.5	53.80	
032.0	011.4000	0195.2	043.8	312.0	025.0000	0032.2	036.7	54.08	
033.0	011.4000	0195.1	043.8	312.2	025.0000	0032.3	036.0	54.36	
034.0	011.4000	0195.0	043.8	312.3	025.0000	0032.3	035.2	54.64	
035.0	011.4000	0195.1	043.8	312.5	025.0000	0032.4	034.5	54.94	
036.0	011.4000	0195.2	043.8	312.7	025.0000	0032.4	033.7	55.23	
037.0	011.4000	0195.3	043.8	312.8	025.0000	0032.4	032.9	55.53	
038.0	011.4000	0195.3	043.8	313.0	025.0000	0032.5	032.2	55.83	
039.0	011.4000	0195.3	043.8	313.0	025.0000	0032.5	031.4	56.14	
040.0	011.4000	0195.4	043.8	313.1	025.0000	0032.5	030.7	56.48	
041.0	011.4000	0195.5	043.8	313.2	025.0000	0032.5	029.9	56.85	
042.0	011.4000	0195.6	043.8	313.3	025.0000	0032.5	029.1	57.24	
043.0	011.4000	0195.6	043.8	313.3	025.0000	0032.5	028.4	57.66	
044.0	011.4000	0195.6	043.8	313.3	025.0000	0032.5	027.6	58.09	
045.0	011.4000	0195.7	043.8	313.2	025.0000	0032.5	026.8	58.55	
046.0	011.4000	0195.8	043.8	313.2	025.0000	0032.5	026.1	59.03	
047.0	011.4000	0196.0	043.8	313.1	025.0000	0032.5	025.3	59.52	
048.0	011.4000	0196.1	043.9	313.0	025.0000	0032.5	024.6	60.04	
049.0	011.4000	0196.2	043.9	312.8	025.0000	0032.4	023.8	60.56	
050.0	011.4000	0196.3	043.9	312.6	025.0000	0032.4	023.0	61.10	
051.0	011.4000	0196.4	043.9	312.3	025.0000	0032.3	022.3	61.64	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
052.0	011.4000	0196.4	043.9	312.0	025.0000	0032.2	021.5	62.19
053.0	011.4000	0196.4	043.9	311.6	025.0000	0032.1	020.8	62.73
054.0	011.4000	0196.4	043.9	311.1	025.0000	0031.9	020.0	63.28
055.0	011.4000	0196.4	043.9	310.6	025.0000	0031.7	019.3	63.83
056.0	011.4000	0196.3	043.9	309.9	025.0000	0031.6	018.6	64.39
057.0	011.4000	0196.3	043.9	309.2	025.0000	0031.4	017.8	64.96
058.0	011.4000	0196.2	043.9	308.4	025.0000	0031.3	017.1	65.52
059.0	011.4000	0196.1	043.9	307.4	025.0000	0031.0	016.4	66.07
060.0	011.4000	0196.0	043.8	306.3	025.0000	0030.8	015.7	66.60
061.0	011.4000	0195.8	043.8	305.1	025.0000	0030.6	015.0	67.16
062.0	011.4000	0195.6	043.8	303.6	025.0000	0030.7	014.3	67.94
063.0	011.4000	0195.5	043.8	302.0	025.0000	0031.1	013.7	68.87
064.0	011.4000	0195.4	043.8	300.3	025.0000	0031.4	013.0	69.79
065.0	011.4000	0195.4	043.8	298.3	025.0000	0031.7	012.4	70.75
066.0	011.4000	0195.3	043.8	296.0	025.0000	0031.8	011.8	71.69
067.0	011.4000	0195.1	043.8	293.4	025.0000	0029.8	011.3	72.12
068.0	011.4000	0194.7	043.7	290.4	025.0000	0027.8	010.8	72.96
069.0	011.4000	0194.3	043.7	287.1	025.0000	0028.3	010.3	73.74
070.0	011.4000	0193.9	043.7	283.5	025.0000	0028.4	009.9	74.47
071.0	011.4000	0193.6	043.7	279.5	025.0000	0028.6	009.5	75.13
072.0	011.4000	0193.1	043.6	275.2	025.0000	0028.9	009.2	75.66
073.0	011.4000	0192.3	043.6	270.6	025.0000	0029.3	009.0	76.04
074.0	011.4000	0191.5	043.5	265.8	025.0000	0029.5	008.9	76.27
075.0	011.4000	0190.9	043.4	260.9	025.0000	0030.9	008.8	76.61
076.0	011.4000	0190.5	043.4	255.9	025.0000	0031.4	008.8	76.74
077.0	011.4000	0190.3	043.4	251.0	025.0000	0030.8	008.9	76.49
078.0	011.4000	0190.2	043.4	246.2	025.0000	0031.6	009.0	76.45
079.0	011.4000	0190.1	043.4	241.6	025.0000	0033.6	009.2	76.56
080.0	011.4000	0190.0	043.4	237.3	025.0000	0034.4	009.5	76.27
081.0	011.4000	0189.8	043.4	233.3	025.0000	0035.1	009.8	75.83
082.0	011.4000	0189.5	043.3	229.6	025.0000	0035.2	010.2	75.15
083.0	011.4000	0189.3	043.3	226.3	025.0000	0034.6	010.7	74.25
084.0	011.4000	0189.0	043.3	223.2	025.0000	0034.0	011.2	73.28
085.0	011.4000	0188.8	043.3	220.5	025.0000	0034.8	011.7	72.63
086.0	011.4000	0188.5	043.3	218.1	025.0000	0037.0	012.2	72.29
087.0	011.4000	0188.3	043.2	215.9	025.0000	0037.9	012.8	71.65
088.0	011.4000	0188.2	043.2	214.0	025.0000	0038.6	013.4	70.95
089.0	011.4000	0187.8	043.2	212.3	025.0000	0039.7	014.1	70.38
090.0	011.4000	0187.3	043.2	210.8	025.0000	0040.5	014.7	69.74
091.0	011.4000	0186.9	043.1	209.5	025.0000	0040.7	015.4	69.27
092.0	011.4000	0186.5	043.1	208.4	025.0000	0040.7	016.1	68.66
093.0	011.4000	0186.0	043.1	207.4	025.0000	0040.3	016.8	67.98
094.0	011.4000	0185.4	043.0	206.5	025.0000	0039.9	017.5	67.29
095.0	011.4000	0184.9	043.0	205.8	025.0000	0039.7	018.2	66.63
096.0	011.4000	0184.5	042.9	205.1	025.0000	0039.6	018.9	66.02
097.0	011.4000	0183.8	042.9	204.6	025.0000	0039.7	019.7	65.44
098.0	011.4000	0183.3	042.8	204.1	025.0000	0039.8	020.4	64.88
099.0	011.4000	0182.9	042.8	203.6	025.0000	0040.0	021.1	64.33
100.0	011.4000	0182.6	042.8	203.2	025.0000	0040.0	021.9	63.77
101.0	011.4000	0182.5	042.8	202.8	025.0000	0040.1	022.6	63.22
102.0	011.4000	0182.5	042.8	202.5	025.0000	0040.1	023.3	62.67

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
103.0	011.4000	0182.7	042.8	202.1	025.0000	0040.0	024.1	62.12
104.0	011.4000	0183.0	042.8	201.8	025.0000	0039.9	024.8	61.58
105.0	011.4000	0183.3	042.8	201.5	025.0000	0039.8	025.5	61.05
106.0	011.4000	0183.5	042.9	201.3	025.0000	0039.7	026.3	60.55
107.0	011.4000	0183.5	042.9	201.2	025.0000	0039.7	027.0	60.06
108.0	011.4000	0183.5	042.9	201.1	025.0000	0039.6	027.8	59.59
109.0	011.4000	0183.4	042.8	201.1	025.0000	0039.6	028.5	59.15
110.0	011.4000	0183.3	042.8	201.1	025.0000	0039.6	029.3	58.74
111.0	011.4000	0183.2	042.8	201.1	025.0000	0039.6	030.0	58.35
112.0	011.4000	0183.1	042.8	201.1	025.0000	0039.6	030.8	57.98
113.0	011.4000	0183.0	042.8	201.1	025.0000	0039.6	031.5	57.65
114.0	011.4000	0182.8	042.8	201.2	025.0000	0039.7	032.3	57.34
115.0	011.4000	0182.7	042.8	201.3	025.0000	0039.7	033.0	57.04
116.0	011.4000	0182.6	042.8	201.4	025.0000	0039.8	033.8	56.76
117.0	011.4000	0182.5	042.8	201.6	025.0000	0039.8	034.5	56.47
118.0	011.4000	0182.5	042.8	201.7	025.0000	0039.9	035.3	56.20
119.0	011.4000	0182.6	042.8	201.8	025.0000	0039.9	036.0	55.92
120.0	011.4000	0182.6	042.8	202.0	025.0000	0040.0	036.7	55.65
121.0	011.4000	0182.5	042.8	202.2	025.0000	0040.0	037.5	55.39
122.0	011.4000	0182.4	042.8	202.4	025.0000	0040.1	038.2	55.13
123.0	011.4000	0182.5	042.8	202.5	025.0000	0040.1	038.9	54.88
124.0	011.4000	0182.5	042.8	202.8	025.0000	0040.1	039.7	54.62
125.0	011.4000	0182.3	042.8	203.0	025.0000	0040.1	040.4	54.37
126.0	011.4000	0182.3	042.8	203.2	025.0000	0040.0	041.1	54.12
127.0	011.4000	0182.3	042.8	203.5	025.0000	0040.0	041.9	53.88
128.0	011.4000	0182.2	042.8	203.7	025.0000	0039.9	042.6	53.64
129.0	011.4000	0182.0	042.7	204.0	025.0000	0039.9	043.3	53.40
130.0	011.4000	0181.8	042.7	204.3	025.0000	0039.8	044.0	53.17
131.0	011.4000	0181.6	042.7	204.6	025.0000	0039.7	044.7	52.94
132.0	011.4000	0181.5	042.7	204.9	025.0000	0039.7	045.4	52.73
133.0	011.4000	0181.3	042.7	205.2	025.0000	0039.6	046.2	52.53
134.0	011.4000	0181.0	042.6	205.5	025.0000	0039.6	046.9	52.34
135.0	011.4000	0180.8	042.6	205.8	025.0000	0039.7	047.6	52.16

NEW-C   BMPED20090908AAN   KJWMNew

Channel = 220C3	Channel = 218C2
Max ERP = 25 kW	Max ERP = 11.4 kW
RCAMSL = 583 M	RCAMSL = 783.9 M
N. Lat. 40 50 34.0	N. Lat. 40 43 44.0
W. Lng. 97 58 09.0	W. Lng. 98 34 12.8
Protected	Interfering
60 dBu	100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
196.0	025.0000	0039.3	025.5	105.0	011.4000	0183.3	045.2	60.81	
197.0	025.0000	0039.0	025.4	104.9	011.4000	0183.3	044.8	60.99	
198.0	025.0000	0038.6	025.2	104.7	011.4000	0183.2	044.4	61.18	
199.0	025.0000	0038.5	025.2	104.6	011.4000	0183.2	043.9	61.36	
200.0	025.0000	0039.0	025.4	104.8	011.4000	0183.2	043.5	61.56	
201.0	025.0000	0039.6	025.5	104.9	011.4000	0183.3	043.0	61.76	
202.0	025.0000	0040.0	025.7	105.0	011.4000	0183.3	042.6	61.97	
203.0	025.0000	0040.1	025.7	105.0	011.4000	0183.3	042.1	62.17	
204.0	025.0000	0039.9	025.6	104.8	011.4000	0183.3	041.7	62.36	
205.0	025.0000	0039.6	025.6	104.6	011.4000	0183.2	041.3	62.56	
206.0	025.0000	0039.7	025.6	104.6	011.4000	0183.2	040.8	62.76	
207.0	025.0000	0040.1	025.7	104.6	011.4000	0183.2	040.4	62.98	
208.0	025.0000	0040.5	025.8	104.6	011.4000	0183.2	039.9	63.19	
209.0	025.0000	0040.7	025.9	104.5	011.4000	0183.2	039.5	63.41	
210.0	025.0000	0040.7	025.9	104.3	011.4000	0183.1	039.0	63.61	
211.0	025.0000	0040.4	025.8	104.1	011.4000	0183.0	038.6	63.81	
212.0	025.0000	0039.9	025.7	103.7	011.4000	0182.9	038.2	63.99	
213.0	025.0000	0039.2	025.4	103.1	011.4000	0182.7	037.9	64.15	
214.0	025.0000	0038.5	025.2	102.6	011.4000	0182.6	037.5	64.31	
215.0	025.0000	0038.2	025.1	102.2	011.4000	0182.5	037.2	64.49	
216.0	025.0000	0037.9	025.0	101.8	011.4000	0182.5	036.8	64.68	
217.0	025.0000	0037.6	025.0	101.4	011.4000	0182.5	036.4	64.85	
218.0	025.0000	0037.1	024.8	100.9	011.4000	0182.5	036.1	65.02	
219.0	025.0000	0036.3	024.6	100.2	011.4000	0182.5	035.8	65.15	
220.0	025.0000	0035.3	024.3	099.5	011.4000	0182.7	035.6	65.28	
221.0	025.0000	0034.4	024.0	098.8	011.4000	0183.0	035.4	65.41	
222.0	025.0000	0034.0	023.9	098.2	011.4000	0183.2	035.1	65.56	
223.0	025.0000	0033.9	023.9	097.8	011.4000	0183.4	034.8	65.74	
224.0	025.0000	0034.1	023.9	097.5	011.4000	0183.5	034.4	65.93	
225.0	025.0000	0034.3	024.0	097.1	011.4000	0183.7	034.0	66.14	
226.0	025.0000	0034.6	024.0	096.8	011.4000	0183.9	033.6	66.34	
227.0	025.0000	0034.8	024.1	096.4	011.4000	0184.2	033.3	66.55	
228.0	025.0000	0035.0	024.2	096.0	011.4000	0184.5	032.9	66.75	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
229.0	025.0000	0035.2	024.2	095.6	011.4000	0184.7	032.6	66.94
230.0	025.0000	0035.3	024.3	095.1	011.4000	0184.9	032.3	67.12
231.0	025.0000	0035.3	024.3	094.6	011.4000	0185.1	031.9	67.30
232.0	025.0000	0035.3	024.3	094.0	011.4000	0185.4	031.7	67.46
233.0	025.0000	0035.2	024.2	093.4	011.4000	0185.8	031.4	67.62
234.0	025.0000	0035.0	024.2	092.8	011.4000	0186.1	031.2	67.77
235.0	025.0000	0034.8	024.1	092.1	011.4000	0186.5	031.0	67.91
236.0	025.0000	0034.7	024.1	091.4	011.4000	0186.7	030.8	68.03
237.0	025.0000	0034.5	024.0	090.7	011.4000	0187.0	030.6	68.16
238.0	025.0000	0034.3	024.0	090.0	011.4000	0187.3	030.4	68.28
239.0	025.0000	0034.1	023.9	089.2	011.4000	0187.7	030.2	68.39
240.0	025.0000	0033.9	023.9	088.5	011.4000	0188.0	030.0	68.51
241.0	025.0000	0033.7	023.8	087.8	011.4000	0188.2	029.9	68.60
242.0	025.0000	0033.4	023.7	087.0	011.4000	0188.3	029.8	68.66
243.0	025.0000	0033.0	023.6	086.1	011.4000	0188.5	029.7	68.70
244.0	025.0000	0032.5	023.4	085.3	011.4000	0188.7	029.7	68.73
245.0	025.0000	0032.1	023.3	084.5	011.4000	0188.9	029.7	68.75
246.0	025.0000	0031.7	023.2	083.7	011.4000	0189.1	029.7	68.77
247.0	025.0000	0031.4	023.1	082.8	011.4000	0189.3	029.7	68.79
248.0	025.0000	0031.1	023.0	082.1	011.4000	0189.5	029.6	68.82
249.0	025.0000	0030.9	023.0	081.3	011.4000	0189.7	029.6	68.85
250.0	025.0000	0030.9	022.9	080.5	011.4000	0189.9	029.5	68.90
251.0	025.0000	0030.8	022.9	079.7	011.4000	0190.1	029.5	68.94
252.0	025.0000	0030.8	022.9	079.0	011.4000	0190.1	029.4	68.97
253.0	025.0000	0030.8	022.9	078.2	011.4000	0190.2	029.4	68.99
254.0	025.0000	0030.9	022.9	077.4	011.4000	0190.2	029.3	69.04
255.0	025.0000	0031.2	023.0	076.6	011.4000	0190.3	029.2	69.10
256.0	025.0000	0031.4	023.1	075.9	011.4000	0190.5	029.1	69.16
257.0	025.0000	0031.6	023.1	075.1	011.4000	0190.8	029.1	69.20
258.0	025.0000	0031.5	023.1	074.3	011.4000	0191.3	029.1	69.21
259.0	025.0000	0031.3	023.1	073.5	011.4000	0191.9	029.2	69.17
260.0	025.0000	0031.1	023.0	072.7	011.4000	0192.6	029.3	69.13
261.0	025.0000	0030.9	022.9	072.0	011.4000	0193.1	029.5	69.08
262.0	025.0000	0030.6	022.9	071.2	011.4000	0193.5	029.6	69.01
263.0	025.0000	0030.4	022.8	070.5	011.4000	0193.8	029.7	68.94
264.0	025.0000	0030.1	022.7	069.8	011.4000	0194.0	029.9	68.85
265.0	025.0000	0029.8	022.7	069.1	011.4000	0194.3	030.0	68.78
266.0	025.0000	0029.5	022.7	068.3	011.4000	0194.6	030.2	68.72
267.0	025.0000	0029.3	022.7	067.6	011.4000	0194.9	030.3	68.66
268.0	025.0000	0029.3	022.7	066.9	011.4000	0195.1	030.4	68.60
269.0	025.0000	0029.3	022.7	066.2	011.4000	0195.2	030.6	68.52
270.0	025.0000	0029.3	022.7	065.5	011.4000	0195.3	030.7	68.43
271.0	025.0000	0029.3	022.7	064.9	011.4000	0195.4	030.9	68.34
272.0	025.0000	0029.3	022.7	064.2	011.4000	0195.4	031.1	68.24
273.0	025.0000	0029.3	022.7	063.6	011.4000	0195.4	031.3	68.13
274.0	025.0000	0029.2	022.7	063.0	011.4000	0195.5	031.4	68.03
275.0	025.0000	0029.0	022.7	062.3	011.4000	0195.6	031.7	67.92
276.0	025.0000	0028.8	022.7	061.7	011.4000	0195.6	031.9	67.80
277.0	025.0000	0028.7	022.7	061.2	011.4000	0195.7	032.1	67.69
278.0	025.0000	0028.6	022.7	060.6	011.4000	0195.8	032.3	67.57
279.0	025.0000	0028.6	022.7	060.0	011.4000	0195.9	032.6	67.44

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
280.0	025.0000	0028.6	022.7	059.5	011.4000	0196.0	032.8	67.31
281.0	025.0000	0028.5	022.7	059.0	011.4000	0196.1	033.1	67.18
282.0	025.0000	0028.5	022.7	058.5	011.4000	0196.1	033.4	67.04
283.0	025.0000	0028.4	022.7	058.0	011.4000	0196.2	033.6	66.90
284.0	025.0000	0028.4	022.7	057.5	011.4000	0196.2	033.9	66.76
285.0	025.0000	0028.4	022.7	057.1	011.4000	0196.3	034.2	66.61
286.0	025.0000	0028.4	022.7	056.6	011.4000	0196.3	034.5	66.46
287.0	025.0000	0028.3	022.7	056.2	011.4000	0196.3	034.8	66.31
288.0	025.0000	0028.2	022.7	055.8	011.4000	0196.4	035.1	66.15
289.0	025.0000	0028.0	022.7	055.4	011.4000	0196.4	035.4	65.99
290.0	025.0000	0027.9	022.7	055.0	011.4000	0196.4	035.7	65.83
291.0	025.0000	0027.9	022.7	054.7	011.4000	0196.4	036.1	65.67
292.0	025.0000	0028.4	022.7	054.3	011.4000	0196.4	036.4	65.51
293.0	025.0000	0029.3	022.7	054.0	011.4000	0196.4	036.7	65.34
294.0	025.0000	0030.5	022.8	053.5	011.4000	0196.4	037.0	65.21
295.0	025.0000	0031.4	023.1	052.8	011.4000	0196.4	037.2	65.10
296.0	025.0000	0031.8	023.2	052.3	011.4000	0196.4	037.5	64.96
297.0	025.0000	0031.9	023.2	052.0	011.4000	0196.4	037.9	64.78
298.0	025.0000	0031.7	023.2	051.9	011.4000	0196.4	038.3	64.59
299.0	025.0000	0031.5	023.1	051.7	011.4000	0196.4	038.7	64.40
300.0	025.0000	0031.4	023.1	051.5	011.4000	0196.4	039.0	64.22
301.0	025.0000	0031.3	023.1	051.4	011.4000	0196.4	039.4	64.04
302.0	025.0000	0031.1	023.0	051.2	011.4000	0196.4	039.8	63.85
303.0	025.0000	0030.9	022.9	051.2	011.4000	0196.4	040.2	63.66
304.0	025.0000	0030.7	022.9	051.1	011.4000	0196.4	040.6	63.47
305.0	025.0000	0030.6	022.9	050.9	011.4000	0196.4	041.0	63.30
306.0	025.0000	0030.7	022.9	050.7	011.4000	0196.4	041.4	63.13
307.0	025.0000	0031.0	023.0	050.5	011.4000	0196.4	041.7	62.96
308.0	025.0000	0031.2	023.0	050.3	011.4000	0196.4	042.1	62.79
309.0	025.0000	0031.4	023.1	050.1	011.4000	0196.3	042.5	62.62
310.0	025.0000	0031.6	023.1	049.9	011.4000	0196.3	042.9	62.44
311.0	025.0000	0031.8	023.2	049.7	011.4000	0196.3	043.3	62.27
312.0	025.0000	0032.2	023.3	049.5	011.4000	0196.3	043.7	62.11
313.0	025.0000	0032.5	023.4	049.3	011.4000	0196.3	044.1	61.93
314.0	025.0000	0032.5	023.4	049.2	011.4000	0196.3	044.5	61.76
315.0	025.0000	0032.2	023.3	049.3	011.4000	0196.3	044.9	61.58