KSWG(FM) 242C
Wickenburg, AZ
Proposed Minor Modification
Of Construction Permit

KSWG(FM), by this contingently proposed "hybrid" rule making/application filing, proposes to modify its currently permitted facilities to specify a new antenna site using the following parameters:

Channel:	242
Class:	C
Antenna Coordinates:	N34-14-03, W112-22-01 (NAD 27)
ASRN:	Not Applicable
Tower Height AMSL:	60 m
COR AMSL:	2385 m
COR AGL:	53 m
COR HAAT:	852 m
ERP:	41 kW
Directional Antenna:	NO

In order for KSWG(FM) to receive a construction permit for the facilities described above, the following modifications to licensed facilities and Vacant Allotments must also occur.

Exhibit 1 demonstrates that the proposed facility provides City-Grade coverage of KSWG(FM)'s community of license – Wickenburg, AZ. As can be seen in the Exhibit, 100% of Wickenburg's community boundaries are encompassed by the F(50,50) 70 dBu contour of the proposed facility. Also, no major terrain obstructions are located between the antenna site and the community.

Exhibit 2 is a channel spacings study demonstrating that the proposed facility is short spaced to the current facilities of KKLD 240C0 at Cottonwood, AZ. In order to eliminate this

shortspacing, the applicant and the licensee of KKLD(FM) have jointly filed contingent applications for the two stations. In its contingently proposed application, KKLD(FM) proposes to change its community of license from Cottonwood, Arizona, to Clarkdale, Arizona, modify its antenna site, and change its channel from 240C0 to mutually exclusive Channel 240C in order to provide requisite spacing towards the instant application.[1]

Exhibit 2 also indicates that the proposed KSWG(FM) facility is shortspaced to KRFM(FM) 243C at Show Low, AZ. In order to eliminate this shortspacing, the applicant respectfully requests that the Commission issue an Order to Show Cause to Petracom of Holbrook, LLC ("Petracom"), licensee of KRFM(FM) as to why its licensed channel should not be substituted with Channel 295C at its current site. The Applicant hereby states that it will reimburse Petracom for its reasonable expenses in changing KRFM(FM)'s channel to 295C in accordance with *Circleville, Ohio*, 8 FCC 2d 159 (1967).

Exhibit 3 indicates that KRFM(FM), on Channel 295C, would be shortspaced to the Vacant Allotment on channel 294C1 at Pinetop, Arizona, and that allotment's associated applications for new construction permit. Exhibit 4 also indicates that Channel 295C would also be shortspaced to the Vacant Allotment on channel 296A at Pima, Arizona. Neither the Pinetop nor the Pima Vacant Allotment have yet been designated for auction. Consequently, the applicant is contemporaneously filing a Petition for Rulemaking (the "Petition") with the FCC's Office of the Secretary as part of the instant "hybrid" rule making/application filing to request that Channel 249C1 be substituted for Channel 294C1 for the Vacant Allotment and its related 301 applications at Pinetop, AZ, and Channel 289A be substituted for Channel 296A for the Vacant Allotment at Pima, Arizona. Channel studies and other requisite showings for these two proposed channel substitutions are included in the Petition.

Otherwise, KSWG's instant proposal is fully spaced towards all applications, authorizations, and permits pursuant to Section 73.207 with the exception of KMXP 245C Phoenix, AZ and KWMX 244C2 Williams, AZ. The applicant requests Section 73.215 Contour protection processing towards these two stations. The applicant does note that the instant

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[1] In order for KKLD(FM)to propose channel 240C at Clarkdale, station KWKM(FM) St. Johns, AZ, shall change its channel from 239C to 243C at its current site. This change shall be formally proposed in the contingently filed KKLD(FM) 301 application in accordance with *Circleville, Ohio*, 8 FCC 2d 159 (1967).

application is shortspaced to a rule making proposal filed in MB Docket 05-263 to add channel 240C1 at Payson, AZ. This proposal has been dismissed.

KSWG(FM) is eligible to request 73.215 Contour Protection towards KMXP as it complies with the minimum separation requirements on its third adjacent channel at its proposed antenna site. The channel spacings study shows that the proposed KSWG(FM) 242C antenna location is spaced 103.79 kilometers from KMXP. In order to be eligible for 73.215 Contour Protection, the minimum "C to C" spacing for third adjacent stations must be at least 99 kilometers. The proposed KSWG(FM) 242C Antenna Location satisfies this requirement by 4.79 kilometers.

KSWG(FM) is also eligible to request 73.215 Contour Protection towards KWMX(FM) as it complies with the minimum separation requirements towards the second adjacent channel at its proposed antenna site. The channel spacings study shows that the proposed KSWG(FM) 242C antenna location is spaced 101.76 kilometers from KWMX(FM). In order to be eligible for 73.215 Contour Protection, the minimum "C to C2" spacing for third adjacent stations must be at least 96 kilometers. The proposed KSWG(FM) 242C Antenna Location satisfies this requirement by 5.76 kilometers.

Using the facilities proposed herein, KSWG(FM) 242C complies with the Contour Protection requirements of Part 73.215 towards KMXP(FM) and KWMX(FM). The attached Contour Map in Exhibit 4 and Overlap Tabulation Studies in Exhibits 5 through 8 demonstrate that this application complies with the Contour Protection Requirements of Section 73.215.

In reviewing the attached studies, it should be noted that since KMXP utilizes Class C facilities with an HAAT below 600 meters, the following overlap studies were conducted assuming "Maximized" Class C Facilities for KMXP-FM (100 kW at an HAAT of 600 meters). Also, since KWMX utilizes Class C2 facilities with an HAAT above 150 meters, the following overlap studies were conducted assuming "Maximized" Class C2 Facilities for KWMX(FM) (50 kW at an HAAT of 150 meters).

Using the KSWG(FM) 242C technical parameters proposed in this application, Exhibit 5 demonstrates that the KSWG(FM) F(50,50) 60 dBu Contour does not overlap the F(50,10) 100 dBu Interfering Contour of KMXP(FM) operating on Channel 245C. Likewise, Exhibit 6 demonstrates that the F(50,50) 60 dBu Contour for KMXP(FM) does not overlap the F(50,10) 100 dBu Interfering Contour of the instant KSWG(FM) application on 242C. Therefore, it appears as though the instant application meets the requirements of Section 73.215 towards KMXP(FM).

With regard to KWMX(FM)'s licensed operations on Channel 244C2, Exhibit 7 demonstrates that the KSWG(FM) F(50,50) 60 dBu Contour does not overlap the F(50,10) 100 dBu Interfering Contour of KWMX(FM). Likewise, Exhibit 8 demonstrates that the F(50,50) 60 dBu Contour for KWMX(FM) does not overlap the F(50,10) 100 dBu Interfering Contour of the instant KSWG(FM) application on 242C. Therefore, it appears as though the instant application meets the requirements of Section 73.215 towards KWMX(FM).

Due to the fact that several existing and proposed emitters are located at or near the site, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction to ensure that any areas at ground level that exceed the Commission's exposure guideline values are appropriately marked and fenced. The results of the survey will be provided with the application for license. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines. The proposed facility utilizes and existing tower and should be exempt from environmental processing because the facility would not be located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules.

Exhibit 1

KSWG 242C
Proposed Contour Map

Williams

F(50,50) 60 dBu

Sedona

Chino Valley

Cottonwood

F(50,50) 70 dBu

Lake Montezuma

Bagdad

Prescott Valley

Camp Verde

Prescott

KSWG (Proposed)

Payson

Black Canyon City

89

17

Wickenburg

60

Cave Creek

Sun City West

Fountain Hills

10

Glendale

Avondale

Phoenix

Mesa

Apache Junction

Buckeye

Chan

Scale 1:1,236,538

km
0   10   20   30

Sun La

V-Soft Communications LLC ® ©

KSWG (Proposed)

Latitude: 34-14-03 N
Longitude: 112-22-01 W
ERP: 41.00 kW
HAAT: 852.0 m
Channel: 242 C
Frequency: 96.3 MHz
AMSL Height: 2385.0 m
Elevation: 2332.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None
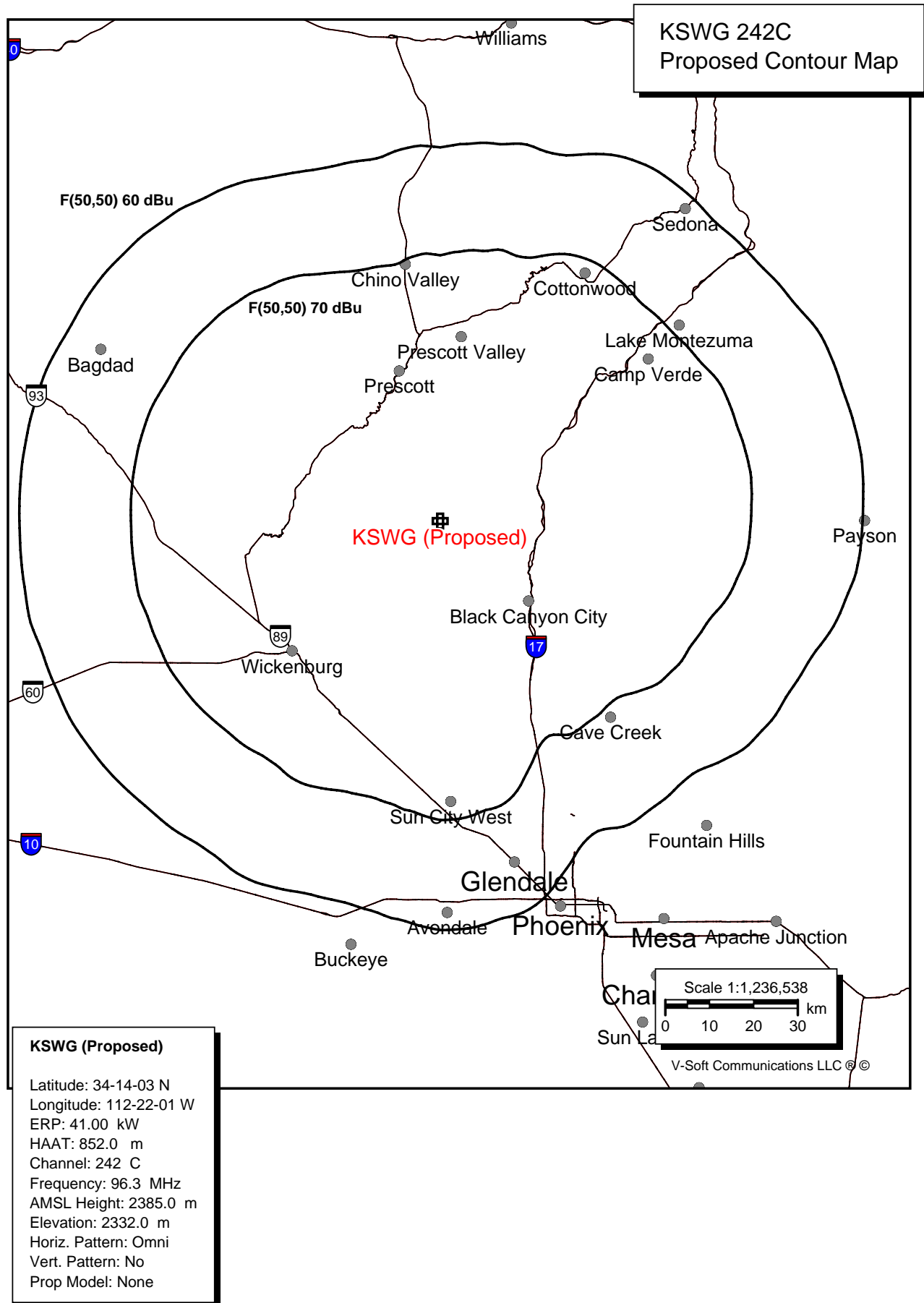
Exhibit 2

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                       KSWG Proposed Antenna Site
                        Allotment Spacings Study
REFERENCE                                              DISPLAY DATES
34 14 03 N.                  CLASS = C  Int = C         DATA    01-10-07
112 22 01 W.                   Current   Spacings       SEARCH 01-13-07
----------------------- Channel 242 - 96.3 MHz ---------------------------

Call          Channel    Location              Azi     Dist   FCC    Margin
--------------------------------------------------------------------------
KSWG    CP    242C   Wickenburg        AZ    236.9    66.80  290.0  -223.20
AL6280  RSV   242C   Wickenburg        AZ    237.3    67.69  290.0  -222.31
AL4349  RSV   242C3  Wickenburg        AZ    231.5    38.76  237.0  -198.24
KSWG    LIC-Z 242C3  Wickenburg        AZ    229.1    52.19  237.0  -184.81
  Entries represent currently authorized KSWG facilities.

ALLO    USE   240C0  Cottonwood        AZ     35.9    50.36  105.0   -54.64
KKLD    LIC-N 240C0  Cottonwood        AZ     24.4    55.16  105.0   -49.84
RDEL    DEL   239C0  Cottonwood        AZ     24.4    55.26  105.0   -49.74
  Of Concern:  Applicant and KKLD licensee contingently propose site
  modification for KKLD.  See contingently proposed location below.

RADD    ADD   240C1  Payson            AZ     74.4    82.29  105.0   -22.71
  Entry reflects rule making proposal to add channel 240C1 at Payson, AZ,
  in MB Docket 05-263 which is now dismissed.

KRFM    LIC   243C   Show Low          AZ     90.1   223.61  241.0   -17.39
ALLO    USE   243C   Show Low          AZ     90.1   223.61  241.0   -17.39
  Of Concern:  Subsitute Channel 295C proposed for KRFM's use.


KWMX    LIC   244C2  Williams          AZ     12.0   101.76  105.0    -3.24
  Application requests Section 73.215 Contour Protection Processing
  Towards KWMX.

KMXP    LIC   245C   Phoenix           AZ    164.1   103.79  105.0    -1.21
ALLO    USE   245C   Phoenix           AZ    164.1   103.79  105.0    -1.21
  Application requests Section 73.215 Contour Protection Processing
  Towards KMXP.

KLPX    LIC   241C   Tucson            AZ    151.9   249.12  241.0     8.12
KKLD    PRO   240C   Clarkdale         AZ     43.7   113.29  105.0     8.29
  Entry represents contingently proposed 301 application to modify the
  site and class of KKLD.

ALLO    USE   244C2  Williams          AZ      9.3   113.46  105.0     8.46
ALLO    USE   241C   Tucson            AZ    149.5   249.59  241.0     8.59
KKLZ    LIC   242C   Las Vegas         NV    310.2   310.77  290.0    20.77
ALLO    USE   242C   Las Vegas         NV    310.2   310.77  290.0    20.77
RADD    ADD   239C3  Seligman          AZ    343.4   126.26   96.0    30.26
XHITAFM       243B   Sonoita           SO    186.6   264.66  215.0    49.66
XHITAFM OPE   243B   Sonoita           SO    189.8   266.80  215.0    51.80
ALLO    USE   295A   Buckeye           AZ    193.9    89.56   29.0    60.56
KDVA    LIC   295A   Buckeye           AZ    193.9    89.56   29.0    60.56
NEW-FM        243C   Sonoita           SO    196.5   289.62  228.0    61.62
KRCY-FM LIC-D 244C2  Lake Havasu City  AZ    282.4   171.63  105.0    66.63
KRCY-FM CP    244C2  Lake Havasu City  AZ    282.4   171.63  105.0    66.63


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Exhibit 3

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                              KRFM(FM) 295C
                          Allotment Spacings Study
REFERENCE                                                 DISPLAY DATES
34 12 20 N.                    CLASS = C  Int = C          DATA    01-10-07
109 56 26 W.                    Current   Spacings         SEARCH 01-19-07
------------------------- Channel 295 - 106.9 MHz --------------------------

Call           Channel    Location              Azi     Dist    FCC    Margin
----------------------------------------------------------------------------
DKKGL     VAC    294C1  Pinetop          AZ    177.7     8.94  209.0  -200.06
  Of Concern:  Substitute Channel 249C1 at Pinetop is instantly proposed
  to eliminate this shortspacing.

951108MB APP     294C1  Pinetop          AZ    168.8    16.27  209.0  -192.73
  Of Concern:  Substitute Channel 249C1 at Pinetop is instantly proposed
  to eliminate this shortspacing.

951109MG APP     294C1  Pinetop          AZ     81.0    33.15  209.0  -175.85
  Of Concern:  Substitute Channel 249C1 at Pinetop is instantly proposed
  to eliminate this shortspacing.

VA2384    VAC    296A   Pima             AZ    175.9   145.91  165.0   -19.09
  Of Concern:  Substitute Channel 289A at Pima is instantly proposed
  to eliminate this shortspacing.

ALLO  M  USE    296C3  Apache Junction   AZ    237.7   166.42  176.0    -9.58
  Of no Concern:  Channel 296C3 has been licensed at Apache Junction for
  KVVA-FM's use.  Therefore the "USE" entry is no longer applicable.

KVVA-FM   LIC    296C3  Apache Junction   AZ    242.0   177.25  176.0     1.25
KDVA      LIC    295A   Buckeye           AZ    251.9   260.00  226.0    34.00
ALLO      USE    295A   Buckeye           AZ    251.9   260.00  226.0    34.00
ALLO      USE    294C2  Prescott Valley   AZ    278.3   240.63  188.0    52.63
KPPV      LIC    294C2  Prescott Valley   AZ    278.3   240.63  188.0    52.63
KSED      LIC    298C   Sedona            AZ    301.1   166.76  105.0    61.76


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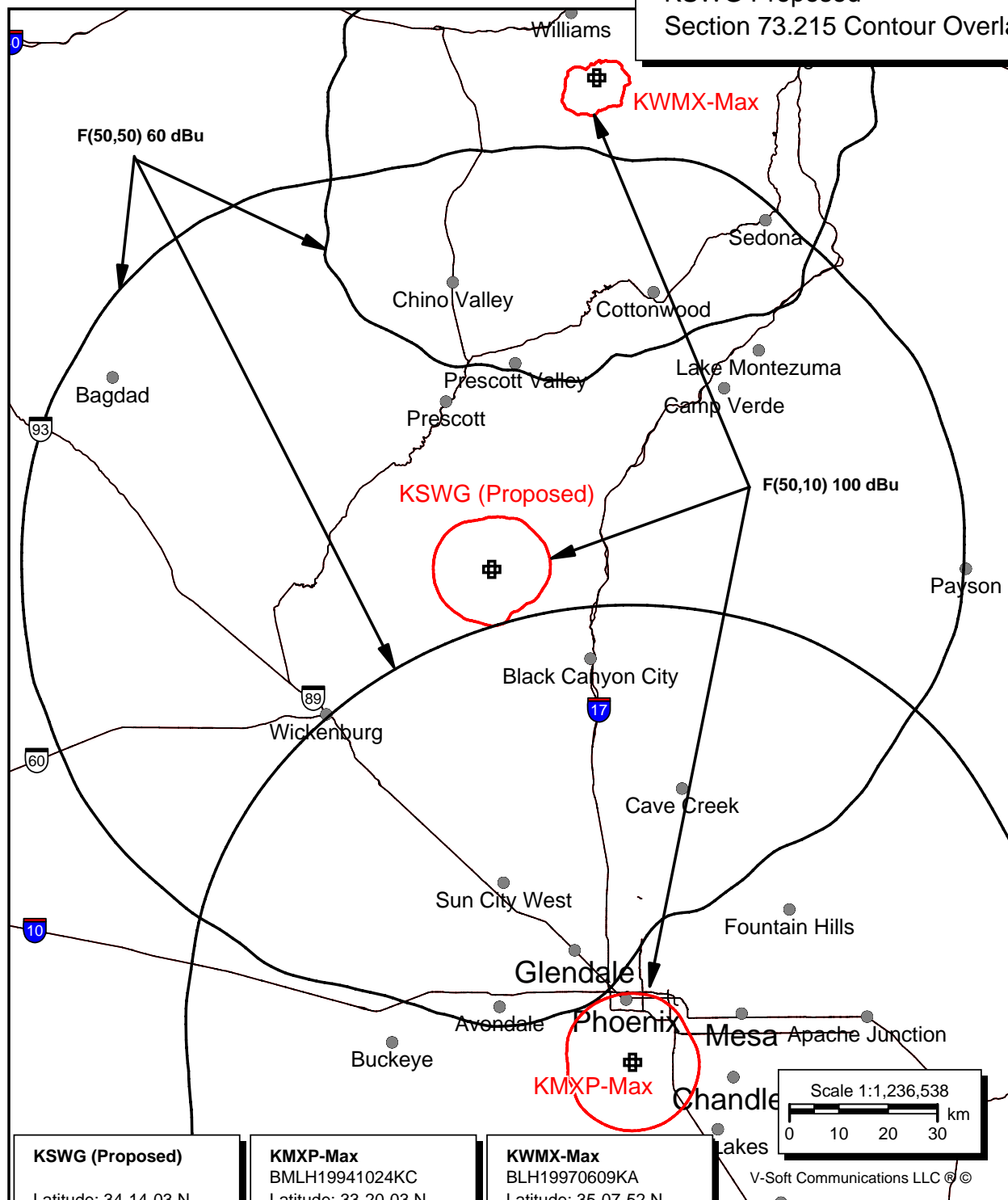
Exhibit 4

KSWG Proposed
Section 73.215 Contour Overlaps

F(50,50) 60 dBu

KWMX-Max

Williams

Sedona

Chino Valley

Cottonwood

Lake Montezuma

Prescott Valley

Camp Verde

Bagdad

Prescott

KSWG (Proposed)

F(50,10) 100 dBu

Payson

Black Canyon City

Wickenburg

Cave Creek

Sun City West

Fountain Hills

Glendale

Avondale

Phoenix

Mesa

Apache Junction

Buckeye

KMXP-Max

Chandler

Lakes

Scale 1:1,236,538

km

0   10   20   30

V-Soft Communications LLC ® ©

KSWG (Proposed)	**KMXP-Max** BMLH19941024KC	**KWMX-Max** BLH19970609KA
Latitude: 34-14-03 N	Latitude: 33-20-03 N	Latitude: 35-07-52 N
Longitude: 112-22-01 W	Longitude: 112-03-36 W	Longitude: 112-08-03 W
ERP: 41.00 kW	ERP: 100.00 kW	ERP: 50.00 kW
HAAT: 852.0 m	HAAT: 600.0 m	HAAT: 150.27 m
Channel: 242 C	Channel: 245 C	Channel: 244 C2
Frequency: 96.3 MHz	Frequency: 96.9 MHz	Frequency: 96.7 MHz
AMSL Height: 2385.0 m	AMSL Height: 969.44 m	AMSL Height: 2215.0 m
Elevation: 2332.0 m	Elevation: 769.1 m	Elevation: 2294.42 m
Horiz. Pattern: Omni	Horiz. Pattern: Omni	Horiz. Pattern: Omni
Vert. Pattern: No	Vert. Pattern: No	Vert. Pattern: No
Prop Model: None	Prop Model: None	Prop Model: None

Exhibit 5

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01-13-2007   30 Sec. Terrain Data

KSWG     Proposed                KMXP    BMLH19941024KC
Channel = 242C                      Channel = 245C
Max ERP = 41 kW                     Max ERP = 100 kW
RCAMSL =  2385 M                    RCAMSL =   959 M
N. Lat = 34 14 03                   N. Lat = 33 20 03
W. Lng = 112 22 01                  W. Lng = 112 03 36

       Protected                        Interfering
        60 dBu                           100 dBu
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Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
102.0	020.1704	0918.0	085.4	033.6	100.0000	0589.9	098.9	64.0
103.0	021.1718	0907.1	085.7	034.0	100.0000	0589.9	097.6	64.4
104.0	022.1975	0894.3	085.9	034.5	100.0000	0589.9	096.2	64.8
105.0	023.2474	0878.9	086.0	034.9	100.0000	0588.2	094.9	65.1
106.0	024.3215	0862.1	086.0	035.2	100.0000	0588.2	093.5	65.5
107.0	025.4199	0843.7	086.0	035.5	100.0000	0588.2	092.0	66.0
108.0	026.5426	0824.7	085.9	035.7	100.0000	0586.5	090.6	66.4
109.0	027.6896	0806.9	085.9	036.0	100.0000	0586.5	089.1	66.8
110.0	028.8608	0793.1	085.9	036.3	100.0000	0586.5	087.7	67.3
111.0	029.9790	0783.1	086.0	036.6	100.0000	0584.6	086.3	67.7
112.0	031.1186	0775.7	086.1	037.0	100.0000	0584.6	084.9	68.1
113.0	032.2794	0769.4	086.3	037.3	100.0000	0584.6	083.5	68.6
114.0	033.4614	0761.8	086.4	037.7	100.0000	0582.5	082.0	69.0
115.0	034.6647	0753.7	086.5	038.0	100.0000	0582.5	080.6	69.5
116.0	035.8892	0746.3	086.6	038.3	100.0000	0582.5	079.1	69.9
117.0	037.1350	0741.4	086.8	038.7	100.0000	0580.3	077.7	70.4
118.0	038.4021	0739.5	087.1	039.1	100.0000	0580.3	076.3	70.9
119.0	039.6904	0738.9	087.4	039.6	100.0000	0578.1	074.8	71.3
120.0	041.0000	0736.9	087.7	040.0	100.0000	0578.1	073.4	71.8
121.0	041.0000	0731.7	087.5	040.1	100.0000	0578.1	071.8	72.3
122.0	041.0000	0723.3	087.2	040.0	100.0000	0578.1	070.3	72.8
123.0	041.0000	0714.4	086.9	040.0	100.0000	0578.1	068.7	73.3
124.0	041.0000	0707.1	086.7	039.9	100.0000	0578.1	067.2	73.9
125.0	041.0000	0700.8	086.4	039.8	100.0000	0578.1	065.7	74.4
126.0	041.0000	0694.1	086.2	039.8	100.0000	0578.1	064.2	74.9
127.0	041.0000	0682.8	085.8	039.5	100.0000	0580.3	062.6	75.4
128.0	041.0000	0666.7	085.2	039.0	100.0000	0580.3	061.1	75.9
129.0	041.0000	0648.0	084.6	038.4	100.0000	0582.5	059.6	76.5
130.0	041.0000	0630.1	083.9	037.7	100.0000	0582.5	058.2	77.0
131.0	041.0000	0613.2	083.3	037.0	100.0000	0584.6	056.8	77.5
132.0	041.0000	0595.5	082.6	036.2	100.0000	0586.5	055.4	78.0
133.0	041.0000	0578.2	081.9	035.3	100.0000	0588.2	054.0	78.5
134.0	041.0000	0565.1	081.2	034.4	100.0000	0589.9	052.7	79.0
135.0	041.0000	0557.7	080.9	033.7	100.0000	0589.9	051.4	79.5
136.0	041.0000	0554.3	080.7	033.2	100.0000	0591.7	050.0	80.0
137.0	041.0000	0552.8	080.6	032.7	100.0000	0591.7	048.7	80.5
138.0	041.0000	0552.8	080.6	032.3	100.0000	0593.6	047.3	81.0
139.0	041.0000	0554.6	080.7	031.9	100.0000	0593.6	045.9	81.5
140.0	041.0000	0556.8	080.8	031.5	100.0000	0593.6	044.6	82.0
141.0	041.0000	0557.5	080.9	031.0	100.0000	0595.6	043.2	82.6
142.0	041.0000	0556.4	080.8	030.3	100.0000	0597.7	041.9	83.2
143.0	041.0000	0555.4	080.8	029.4	100.0000	0600.0	040.6	83.7
144.0	041.0000	0555.1	080.7	028.6	100.0000	0600.0	039.4	84.3
145.0	041.0000	0556.1	080.8	027.7	100.0000	0602.3	038.1	84.8
146.0	041.0000	0557.9	080.9	026.9	100.0000	0604.7	036.8	85.4
147.0	041.0000	0559.1	080.9	025.8	100.0000	0606.8	035.5	86.0
148.0	041.0000	0557.9	080.9	024.5	100.0000	0608.7	034.4	86.6
149.0	041.0000	0552.7	080.6	022.8	100.0000	0611.6	033.3	87.1
150.0	041.0000	0543.2	080.1	020.6	100.0000	0612.8	032.6	87.5
151.0	041.0000	0532.2	079.5	018.2	100.0000	0612.5	031.9	87.8

152.0	041.0000	0523.4	079.0	015.8	100.0000	0611.8	031.3	88.1
153.0	041.0000	0519.2	078.7	013.6	100.0000	0610.7	030.5	88.4
154.0	041.0000	0520.8	078.8	011.7	100.0000	0610.0	029.6	88.9
155.0	041.0000	0527.2	079.2	009.9	100.0000	0609.6	028.5	89.5
156.0	041.0000	0536.9	079.8	008.2	100.0000	0609.0	027.2	90.3
157.0	041.0000	0550.9	080.5	006.5	100.0000	0608.7	025.9	91.1
158.0	041.0000	0572.3	081.6	004.8	100.0000	0608.5	024.3	92.2
159.0	041.0000	0597.9	082.7	002.8	100.0000	0608.6	022.6	93.3
160.0	041.0000	0624.1	083.7	000.2	100.0000	0609.0	021.2	94.4
161.0	041.0000	0651.7	084.7	357.2	100.0000	0609.7	019.7	95.4
162.0	041.0000	0682.1	085.8	353.7	100.0000	0610.2	018.3	96.5
163.0	041.0000	0715.5	087.0	349.4	100.0000	0611.2	017.0	97.6
164.0	041.0000	0745.6	088.0	344.3	100.0000	0611.7	015.8	98.4
165.0	041.0000	0771.8	088.8	338.5	100.0000	0613.7	015.1	99.1
166.0	041.0000	0793.5	089.5	332.1	100.0000	0617.7	014.7	99.3
167.0	041.0000	0811.4	090.1	325.6	100.0000	0621.9	014.6	99.4
168.0	041.0000	0825.5	090.5	319.3	100.0000	0626.4	014.9	99.2
169.0	041.0000	0833.4	090.8	313.8	100.0000	0628.4	015.5	98.9
170.0	041.0000	0837.1	090.9	309.0	100.0000	0629.8	016.4	98.2
171.0	041.0000	0838.8	090.9	305.0	100.0000	0629.4	017.5	97.4
172.0	041.0000	0848.1	091.2	301.0	100.0000	0626.6	018.5	96.6
173.0	041.0000	0861.6	091.6	297.2	100.0000	0622.8	019.5	95.8
174.0	041.0000	0873.0	091.9	294.0	100.0000	0618.1	020.7	94.8
175.0	041.0000	0882.3	092.2	291.4	100.0000	0611.8	022.0	93.8
176.0	041.0000	0888.4	092.4	289.3	100.0000	0605.4	023.4	92.7
177.0	041.0000	0891.2	092.4	287.7	100.0000	0601.7	024.9	91.6
178.0	041.0000	0893.6	092.5	286.4	100.0000	0593.6	026.4	90.5
179.0	041.0000	0895.6	092.6	285.3	100.0000	0589.2	027.9	89.5
180.0	041.0000	0895.5	092.6	284.4	100.0000	0584.9	029.5	88.5
181.0	041.0000	0884.5	092.3	284.2	100.0000	0584.9	031.1	87.7
182.0	041.0000	0873.5	092.0	284.2	100.0000	0584.9	032.7	86.9
183.0	041.0000	0862.3	091.6	284.1	100.0000	0584.9	034.4	86.1
184.0	041.0000	0848.7	091.2	284.3	100.0000	0584.9	036.0	85.4
185.0	041.0000	0835.7	090.9	284.5	100.0000	0584.9	037.7	84.7
186.0	041.0000	0827.6	090.6	284.5	100.0000	0584.9	039.3	84.0
187.0	041.0000	0824.4	090.5	284.3	100.0000	0584.9	040.8	83.4
188.0	041.0000	0813.2	090.2	284.6	100.0000	0589.2	042.4	82.8
189.0	041.0000	0799.9	089.7	284.9	100.0000	0589.2	044.0	82.2
190.0	041.0000	0792.9	089.5	285.0	100.0000	0589.2	045.6	81.6
191.0	041.0000	0789.3	089.4	285.0	100.0000	0589.2	047.2	81.0
192.0	041.0000	0783.9	089.2	285.1	100.0000	0589.2	048.7	80.4
193.0	041.0000	0778.0	089.0	285.3	100.0000	0589.2	050.3	79.9
194.0	041.0000	0776.0	089.0	285.3	100.0000	0589.2	051.9	79.3
195.0	041.0000	0776.9	089.0	285.2	100.0000	0589.2	053.4	78.8
196.0	041.0000	0779.8	089.1	285.2	100.0000	0589.2	055.0	78.2
197.0	041.0000	0783.4	089.2	285.1	100.0000	0589.2	056.5	77.7
198.0	041.0000	0786.9	089.3	285.1	100.0000	0589.2	058.1	77.1
199.0	041.0000	0789.9	089.4	285.1	100.0000	0589.2	059.7	76.6
200.0	041.0000	0795.7	089.6	285.0	100.0000	0589.2	061.2	76.0
201.0	041.0000	0804.8	089.9	284.9	100.0000	0589.2	062.8	75.5
202.0	041.0000	0816.1	090.3	284.8	100.0000	0589.2	064.4	74.9
203.0	041.0000	0827.1	090.6	284.7	100.0000	0589.2	066.0	74.4
204.0	041.0000	0836.9	090.9	284.6	100.0000	0589.2	067.6	73.9
205.0	041.0000	0846.9	091.2	284.6	100.0000	0589.2	069.3	73.3
206.0	041.0000	0857.9	091.5	284.6	100.0000	0589.2	070.9	72.8
207.0	041.0000	0866.8	091.8	284.7	100.0000	0589.2	072.5	72.3
208.0	041.0000	0872.1	091.9	284.9	100.0000	0589.2	074.1	71.7
209.0	041.0000	0874.3	092.0	285.1	100.0000	0589.2	075.7	71.2
210.0	041.0000	0874.4	092.0	285.4	100.0000	0589.2	077.2	70.7
211.0	041.0000	0870.3	091.9	285.8	100.0000	0593.6	078.7	70.3
212.0	041.0000	0861.7	091.6	286.3	100.0000	0593.6	080.2	69.8
213.0	041.0000	0853.4	091.4	286.8	100.0000	0597.8	081.7	69.4
214.0	041.0000	0849.7	091.3	287.2	100.0000	0597.8	083.2	68.9
215.0	041.0000	0849.7	091.3	287.5	100.0000	0601.7	084.7	68.5
216.0	041.0000	0850.3	091.3	287.9	100.0000	0601.7	086.2	68.0
217.0	041.0000	0852.8	091.4	288.2	100.0000	0601.7	087.7	67.6
218.0	041.0000	0859.4	091.6	288.4	100.0000	0601.7	089.3	67.1

Exhibit 6

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01-13-2007   30 Sec. Terrain Data

KMXP    BMLH19941024KC              KSWG      Proposed
Channel = 245C                     Channel = 242C
Max ERP = 100 kW                   Max ERP = 41 kW
RCAMSL =   959 M                   RCAMSL =   2385 M
N. Lat = 33 20 03                  N. Lat = 34 14 03
W. Lng = 112 03 36                 W. Lng = 112 22 01

        Protected                        Interfering
        60 dBu                           100 dBu
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Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
285.0	100.0000	0589.2	091.4	218.2	041.0000	0859.4	096.8	64.5
286.0	100.0000	0593.6	091.6	218.7	041.0000	0869.1	095.5	65.0
287.0	100.0000	0597.8	091.7	219.1	041.0000	0869.1	094.1	65.4
288.0	100.0000	0601.7	091.9	219.6	041.0000	0878.0	092.6	65.9
289.0	100.0000	0605.4	092.0	220.0	041.0000	0878.0	091.2	66.4
290.0	100.0000	0608.8	092.1	220.5	041.0000	0878.0	089.7	66.8
291.0	100.0000	0611.8	092.3	220.9	041.0000	0884.6	088.3	67.4
292.0	100.0000	0614.3	092.3	221.3	041.0000	0884.6	086.8	67.8
293.0	100.0000	0616.3	092.4	221.7	041.0000	0889.3	085.3	68.3
294.0	100.0000	0618.1	092.5	222.1	041.0000	0889.3	083.8	68.8
295.0	100.0000	0619.8	092.6	222.5	041.0000	0889.3	082.3	69.3
296.0	100.0000	0621.4	092.6	222.9	041.0000	0892.5	080.7	69.8
297.0	100.0000	0622.8	092.7	223.2	041.0000	0892.5	079.2	70.2
298.0	100.0000	0624.0	092.7	223.6	041.0000	0895.0	077.7	70.7
299.0	100.0000	0625.0	092.8	223.9	041.0000	0895.0	076.1	71.2
300.0	100.0000	0625.8	092.8	224.2	041.0000	0895.0	074.6	71.7
301.0	100.0000	0626.6	092.8	224.6	041.0000	0898.3	073.0	72.2
302.0	100.0000	0627.3	092.9	224.9	041.0000	0898.3	071.4	72.7
303.0	100.0000	0628.1	092.9	225.2	041.0000	0898.3	069.8	73.2
304.0	100.0000	0628.8	092.9	225.5	041.0000	0898.3	068.3	73.7
305.0	100.0000	0629.4	092.9	225.8	041.0000	0903.6	066.7	74.2
306.0	100.0000	0629.8	092.9	226.0	041.0000	0903.6	065.1	74.7
307.0	100.0000	0630.0	093.0	226.3	041.0000	0903.6	063.5	75.2
308.0	100.0000	0630.0	093.0	226.5	041.0000	0910.4	061.9	75.8
309.0	100.0000	0629.8	092.9	226.7	041.0000	0910.4	060.3	76.3
310.0	100.0000	0629.6	092.9	226.9	041.0000	0910.4	058.7	76.9
311.0	100.0000	0629.3	092.9	227.1	041.0000	0910.4	057.1	77.4
312.0	100.0000	0629.0	092.9	227.2	041.0000	0910.4	055.5	78.0
313.0	100.0000	0628.7	092.9	227.4	041.0000	0910.4	053.8	78.6
314.0	100.0000	0628.4	092.9	227.5	041.0000	0910.4	052.2	79.2
315.0	100.0000	0628.0	092.9	227.5	041.0000	0917.8	050.6	79.8
316.0	100.0000	0627.7	092.9	227.6	041.0000	0917.8	049.0	80.4
317.0	100.0000	0627.3	092.9	227.6	041.0000	0917.8	047.4	81.0
318.0	100.0000	0626.9	092.8	227.6	041.0000	0917.8	045.7	81.6
319.0	100.0000	0626.4	092.8	227.5	041.0000	0917.8	044.1	82.2
320.0	100.0000	0626.0	092.8	227.4	041.0000	0910.4	042.5	82.8
321.0	100.0000	0625.6	092.8	227.3	041.0000	0910.4	040.9	83.5
322.0	100.0000	0625.1	092.8	227.1	041.0000	0910.4	039.3	84.1
323.0	100.0000	0624.4	092.7	226.8	041.0000	0910.4	037.7	84.8
324.0	100.0000	0623.6	092.7	226.5	041.0000	0903.6	036.1	85.5
325.0	100.0000	0622.7	092.7	226.0	041.0000	0903.6	034.5	86.2
326.0	100.0000	0621.9	092.6	225.5	041.0000	0903.6	032.9	86.9
327.0	100.0000	0621.2	092.6	224.9	041.0000	0898.3	031.3	87.6
328.0	100.0000	0620.6	092.6	224.2	041.0000	0895.0	029.7	88.4
329.0	100.0000	0619.9	092.6	223.3	041.0000	0892.5	028.2	89.2
330.0	100.0000	0619.3	092.5	222.3	041.0000	0889.3	026.6	90.0
331.0	100.0000	0618.5	092.5	221.1	041.0000	0884.6	025.1	90.9
332.0	100.0000	0617.7	092.5	219.7	041.0000	0878.0	023.6	91.7
333.0	100.0000	0616.9	092.5	218.0	041.0000	0859.4	022.2	92.5
334.0	100.0000	0616.1	092.4	216.0	041.0000	0850.3	020.7	93.4

335.0	100.0000	0615.4	092.4	213.7	041.0000	0849.7	019.3	94.3
336.0	100.0000	0614.8	092.4	210.9	041.0000	0870.3	018.0	95.4
337.0	100.0000	0614.2	092.4	207.6	041.0000	0872.1	016.7	96.3
338.0	100.0000	0613.7	092.3	203.8	041.0000	0836.9	015.5	96.9
339.0	100.0000	0613.1	092.3	199.2	041.0000	0789.9	014.5	97.0
340.0	100.0000	0612.6	092.3	193.9	041.0000	0776.0	013.5	97.7
341.0	100.0000	0612.1	092.3	187.9	041.0000	0813.2	012.7	98.6
342.0	100.0000	0611.8	092.3	181.0	041.0000	0884.5	012.1	99.4
343.0	100.0000	0611.7	092.3	173.5	041.0000	0873.0	011.7	99.7
344.0	100.0000	0611.7	092.3	165.6	041.0000	0793.5	011.5	99.6
345.0	100.0000	0611.6	092.3	157.7	041.0000	0572.3	011.6	98.1
346.0	100.0000	0611.6	092.3	150.0	041.0000	0543.2	011.9	97.4
347.0	100.0000	0611.5	092.3	142.9	041.0000	0555.4	012.5	96.9
348.0	100.0000	0611.4	092.2	136.6	041.0000	0552.8	013.2	96.0
349.0	100.0000	0611.2	092.2	131.1	041.0000	0613.2	014.2	95.8
350.0	100.0000	0611.0	092.2	126.3	041.0000	0694.1	015.2	96.0
351.0	100.0000	0610.8	092.2	122.3	041.0000	0723.3	016.4	95.4
352.0	100.0000	0610.6	092.2	118.9	039.5645	0738.9	017.6	94.5
353.0	100.0000	0610.4	092.2	116.0	035.9238	0746.3	019.0	93.2
354.0	100.0000	0610.2	092.2	113.6	032.9808	0761.8	020.3	92.0
355.0	100.0000	0610.1	092.2	111.5	030.5917	0775.7	021.8	90.8
356.0	100.0000	0609.9	092.2	109.8	028.6261	0793.1	023.2	89.7
357.0	100.0000	0609.7	092.2	108.3	026.9254	0824.7	024.7	88.8
358.0	100.0000	0609.5	092.2	107.1	025.5249	0843.7	026.2	87.8
359.0	100.0000	0609.2	092.2	106.0	024.3682	0862.1	027.8	86.9
000.0	100.0000	0609.0	092.2	105.2	023.4125	0878.9	029.3	86.0
001.0	100.0000	0608.8	092.1	104.4	022.6224	0894.3	030.9	85.2
002.0	100.0000	0608.7	092.1	103.8	021.9595	0894.3	032.4	84.3
003.0	100.0000	0608.6	092.1	103.2	021.4132	0907.1	034.0	83.6
004.0	100.0000	0608.5	092.1	102.8	020.9662	0907.1	035.6	82.8
005.0	100.0000	0608.5	092.1	102.4	020.5964	0918.0	037.2	82.1
006.0	100.0000	0608.7	092.1	102.1	020.2954	0918.0	038.8	81.4
007.0	100.0000	0608.8	092.2	101.9	020.0566	0918.0	040.4	80.6
008.0	100.0000	0609.0	092.2	101.7	019.8725	0918.0	042.0	79.9
009.0	100.0000	0609.4	092.2	101.6	019.7337	0918.0	043.6	79.2
010.0	100.0000	0609.6	092.2	101.5	019.6430	0930.0	045.2	78.7
011.0	100.0000	0609.8	092.2	101.4	019.5920	0930.0	046.8	78.1
012.0	100.0000	0610.0	092.2	101.4	019.5806	0930.0	048.4	77.5
013.0	100.0000	0610.3	092.2	101.4	019.5947	0930.0	050.0	76.9
014.0	100.0000	0610.7	092.2	101.5	019.6324	0930.0	051.7	76.4
015.0	100.0000	0611.3	092.2	101.5	019.6943	0918.0	053.3	75.7
016.0	100.0000	0611.8	092.3	101.6	019.7808	0918.0	054.9	75.1
017.0	100.0000	0612.2	092.3	101.7	019.8940	0918.0	056.5	74.6
018.0	100.0000	0612.5	092.3	101.9	020.0326	0918.0	058.1	74.0
019.0	100.0000	0612.7	092.3	102.0	020.1965	0918.0	059.7	73.5
020.0	100.0000	0612.8	092.3	102.2	020.3791	0918.0	061.3	73.0
021.0	100.0000	0612.8	092.3	102.4	020.5828	0918.0	062.9	72.5
022.0	100.0000	0612.5	092.3	102.6	020.8147	0907.1	064.5	72.0
023.0	100.0000	0611.6	092.3	102.9	021.0773	0907.1	066.1	71.5
024.0	100.0000	0610.3	092.2	103.2	021.3663	0907.1	067.6	71.1
025.0	100.0000	0608.7	092.1	103.5	021.6769	0907.1	069.2	70.7
026.0	100.0000	0606.8	092.1	103.8	022.0072	0894.3	070.8	70.1
027.0	100.0000	0604.7	092.0	104.2	022.3541	0894.3	072.3	69.7
028.0	100.0000	0602.3	091.9	104.5	022.7179	0894.3	073.9	69.3
029.0	100.0000	0600.0	091.8	104.9	023.0918	0878.9	075.4	68.8
030.0	100.0000	0597.7	091.7	105.2	023.4713	0878.9	076.9	68.4
031.0	100.0000	0595.5	091.7	105.6	023.8565	0862.1	078.5	67.8
032.0	100.0000	0593.6	091.6	105.9	024.2468	0862.1	080.0	67.4
033.0	100.0000	0591.7	091.5	106.3	024.6424	0862.1	081.5	67.0
034.0	100.0000	0589.9	091.4	106.7	025.0449	0843.7	083.0	66.4
035.0	100.0000	0588.2	091.4	107.0	025.4518	0843.7	084.5	66.0
036.0	100.0000	0586.5	091.3	107.4	025.8681	0843.7	086.0	65.6
037.0	100.0000	0584.6	091.2	107.8	026.2998	0824.7	087.5	65.0
038.0	100.0000	0582.5	091.1	108.2	026.7454	0824.7	089.0	64.6
039.0	100.0000	0580.3	091.0	108.6	027.2002	0806.9	090.4	64.0
040.0	100.0000	0578.1	091.0	109.0	027.6619	0806.9	091.9	63.6
041.0	100.0000	0575.9	090.9	109.4	028.1331	0806.9	093.3	63.3

Exhibit 7

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01-13-2007   30 Sec. Terrain Data

KSWG    Proposed                KWMX    BLH19970609KA
Channel = 242C                  Channel = 244C2
Max ERP = 41 kW                 Max ERP = 50 kW
RCAMSL =  2385 M                RCAMSL =  2215 M
N. Lat = 34 14 03               N. Lat = 35 07 52
W. Lng = 112 22 01              W. Lng = 112 08 03

        Protected                       Interfering
        60 dBu                          100 dBu
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Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
303.0	041.0000	0976.7	094.5	244.6	050.0000	0236.9	111.2	47.5
304.0	041.0000	0974.6	094.5	245.1	050.0000	0236.9	110.0	47.9
305.0	041.0000	0972.2	094.4	245.5	050.0000	0227.4	108.5	48.0
306.0	041.0000	0968.9	094.4	245.9	050.0000	0227.4	107.1	48.3
307.0	041.0000	0964.1	094.2	246.3	050.0000	0227.4	105.6	48.7
308.0	041.0000	0957.5	094.1	246.7	050.0000	0218.3	104.1	48.9
309.0	041.0000	0949.7	093.9	247.0	050.0000	0218.3	102.5	49.3
310.0	041.0000	0942.2	093.7	247.3	050.0000	0218.3	101.0	49.7
311.0	041.0000	0936.6	093.6	247.7	050.0000	0210.7	099.5	49.9
312.0	041.0000	0932.8	093.5	248.0	050.0000	0210.7	098.0	50.4
313.0	041.0000	0928.6	093.4	248.4	050.0000	0210.7	096.5	50.8
314.0	041.0000	0921.5	093.2	248.7	050.0000	0204.4	094.9	51.1
315.0	041.0000	0911.2	093.0	249.0	050.0000	0204.4	093.3	51.5
316.0	041.0000	0900.3	092.7	249.2	050.0000	0204.4	091.7	52.0
317.0	041.0000	0891.1	092.4	249.4	050.0000	0204.4	090.1	52.5
318.0	041.0000	0884.3	092.3	249.7	050.0000	0199.6	088.6	52.8
319.0	041.0000	0878.7	092.1	250.0	050.0000	0199.6	087.0	53.3
320.0	041.0000	0871.3	091.9	250.2	050.0000	0199.6	085.4	53.8
321.0	041.0000	0859.7	091.6	250.4	050.0000	0199.6	083.8	54.3
322.0	041.0000	0845.1	091.1	250.5	050.0000	0199.6	082.2	54.8
323.0	041.0000	0831.1	090.7	250.5	050.0000	0196.2	080.5	55.2
324.0	041.0000	0820.8	090.4	250.6	050.0000	0196.2	078.9	55.7
325.0	041.0000	0813.9	090.2	250.8	050.0000	0196.2	077.3	56.2
326.0	041.0000	0807.4	090.0	251.0	050.0000	0196.2	075.8	56.8
327.0	041.0000	0798.3	089.7	251.0	050.0000	0196.2	074.2	57.3
328.0	041.0000	0787.3	089.3	251.0	050.0000	0196.2	072.6	57.8
329.0	041.0000	0776.4	089.0	251.0	050.0000	0196.2	071.0	58.3
330.0	041.0000	0765.0	088.6	251.0	050.0000	0196.2	069.4	58.9
331.0	041.0000	0751.1	088.2	250.8	050.0000	0196.2	067.8	59.4
332.0	041.0000	0734.8	087.6	250.6	050.0000	0196.2	066.2	59.9
333.0	041.0000	0719.5	087.1	250.3	050.0000	0199.6	064.6	60.6
334.0	041.0000	0706.9	086.7	250.1	050.0000	0199.6	063.1	61.1
335.0	041.0000	0695.4	086.3	249.8	050.0000	0199.6	061.5	61.7
336.0	041.0000	0684.4	085.9	249.5	050.0000	0199.6	060.0	62.3
337.0	041.0000	0674.3	085.5	249.3	050.0000	0204.4	058.5	63.0
338.0	041.0000	0664.4	085.2	249.0	050.0000	0204.4	057.0	63.6
339.0	041.0000	0654.7	084.8	248.6	050.0000	0204.4	055.5	64.2
340.0	041.0000	0645.2	084.5	248.2	050.0000	0210.7	054.0	65.0
341.0	041.0000	0638.6	084.2	247.9	050.0000	0210.7	052.6	65.6
342.0	041.0000	0632.8	084.0	247.5	050.0000	0210.7	051.1	66.2
343.0	041.0000	0628.5	083.9	247.2	050.0000	0218.3	049.7	67.1
344.0	041.0000	0625.7	083.8	246.9	050.0000	0218.3	048.2	67.7
345.0	041.0000	0624.4	083.7	246.6	050.0000	0218.3	046.8	68.2
346.0	041.0000	0622.7	083.7	246.2	050.0000	0227.4	045.3	69.2
347.0	041.0000	0619.3	083.5	245.7	050.0000	0227.4	043.9	69.8
348.0	041.0000	0616.2	083.4	245.1	050.0000	0236.9	042.5	70.9
349.0	041.0000	0612.6	083.3	244.5	050.0000	0245.4	041.2	71.8
350.0	041.0000	0612.5	083.3	243.9	050.0000	0245.4	039.8	72.4
351.0	041.0000	0617.5	083.5	243.5	050.0000	0245.4	038.3	73.1
352.0	041.0000	0628.7	083.9	243.4	050.0000	0252.1	036.8	74.0

353.0	041.0000	0639.4	084.3	243.3	050.0000	0252.1	035.3	74.7
354.0	041.0000	0647.0	084.5	242.8	050.0000	0252.1	033.8	75.5
355.0	041.0000	0652.3	084.7	242.2	050.0000	0256.8	032.4	76.3
356.0	041.0000	0658.0	084.9	241.4	050.0000	0260.6	030.9	77.2
357.0	041.0000	0660.5	085.0	240.4	050.0000	0266.9	029.5	78.2
358.0	041.0000	0656.0	084.9	238.7	050.0000	0277.7	028.3	79.3
359.0	041.0000	0651.3	084.7	236.8	050.0000	0304.3	027.1	80.8
000.0	041.0000	0646.8	084.5	234.8	050.0000	0313.4	026.0	81.8
001.0	041.0000	0653.5	084.8	233.2	050.0000	0311.4	024.6	82.7
002.0	041.0000	0661.9	085.1	231.5	050.0000	0311.2	023.3	83.7
003.0	041.0000	0670.2	085.4	229.6	050.0000	0315.6	022.0	84.8
004.0	041.0000	0673.5	085.5	227.0	050.0000	0328.7	020.9	86.0
005.0	041.0000	0681.0	085.8	224.3	050.0000	0332.2	019.7	87.0
006.0	041.0000	0688.1	086.0	221.1	050.0000	0318.9	018.6	87.6
007.0	041.0000	0693.2	086.2	217.4	050.0000	0304.9	017.6	88.0
008.0	041.0000	0695.0	086.2	213.1	050.0000	0300.2	016.9	88.5
009.0	041.0000	0696.7	086.3	208.4	050.0000	0303.8	016.2	89.2
010.0	041.0000	0704.3	086.6	203.4	050.0000	0269.7	015.5	88.8
011.0	041.0000	0715.9	087.0	198.1	050.0000	0257.9	014.9	88.8
012.0	041.0000	0725.0	087.3	192.3	050.0000	0253.6	014.5	89.1
013.0	041.0000	0728.1	087.4	186.2	050.0000	0252.1	014.4	89.1
014.0	041.0000	0724.1	087.2	180.5	050.0000	0223.9	014.8	87.6
015.0	041.0000	0717.8	087.0	175.2	050.0000	0189.0	015.5	85.8
016.0	041.0000	0714.7	086.9	170.3	050.0000	0186.4	016.2	85.1
017.0	041.0000	0716.5	087.0	165.6	050.0000	0184.4	016.9	84.4
018.0	041.0000	0722.0	087.2	161.1	050.0000	0176.1	017.5	83.4
019.0	041.0000	0731.7	087.5	156.7	050.0000	0172.1	018.3	82.7
020.0	041.0000	0749.0	088.1	152.1	050.0000	0182.7	018.9	82.6
021.0	041.0000	0771.4	088.8	147.5	050.0000	0195.3	019.7	82.6
022.0	041.0000	0793.9	089.6	143.3	050.0000	0221.6	020.6	83.0
023.0	041.0000	0815.1	090.2	139.7	050.0000	0231.7	021.6	82.6
024.0	041.0000	0835.9	090.9	136.5	050.0000	0226.1	022.8	81.4
025.0	041.0000	0855.1	091.4	133.8	050.0000	0207.9	024.1	79.8
026.0	041.0000	0871.5	091.9	131.7	050.0000	0193.6	025.5	78.1
027.0	041.0000	0884.7	092.3	130.0	050.0000	0186.7	026.9	76.8
028.0	041.0000	0895.5	092.6	128.7	050.0000	0183.4	028.5	75.7
029.0	041.0000	0904.5	092.8	127.7	050.0000	0180.8	030.0	74.6
030.0	041.0000	0912.4	093.0	127.0	050.0000	0178.5	031.6	73.6
031.0	041.0000	0918.1	093.1	126.4	050.0000	0176.3	033.2	72.7
032.0	041.0000	0920.2	093.2	126.1	050.0000	0176.3	034.8	71.8
033.0	041.0000	0918.7	093.1	126.0	050.0000	0176.3	036.4	71.0
034.0	041.0000	0915.6	093.1	126.0	050.0000	0176.3	038.1	70.2
035.0	041.0000	0912.3	093.0	126.0	050.0000	0176.3	039.7	69.4
036.0	041.0000	0909.4	092.9	126.1	050.0000	0176.3	041.3	68.6
037.0	041.0000	0906.3	092.8	126.2	050.0000	0176.3	042.9	67.9
038.0	041.0000	0901.9	092.7	126.4	050.0000	0176.3	044.5	67.2
039.0	041.0000	0895.6	092.6	126.7	050.0000	0178.5	046.1	66.6
040.0	041.0000	0887.8	092.3	127.0	050.0000	0178.5	047.7	66.0
041.0	041.0000	0879.4	092.1	127.4	050.0000	0178.5	049.3	65.4
042.0	041.0000	0873.3	091.9	127.7	050.0000	0180.8	050.9	64.9
043.0	041.0000	0871.8	091.9	127.9	050.0000	0180.8	052.5	64.3
044.0	041.0000	0875.1	092.0	128.0	050.0000	0180.8	054.1	63.6
045.0	041.0000	0880.7	092.2	128.0	050.0000	0180.8	055.7	63.0
046.0	041.0000	0886.2	092.3	128.1	050.0000	0180.8	057.4	62.4
047.0	041.0000	0890.1	092.4	128.2	050.0000	0180.8	059.0	61.8
048.0	041.0000	0892.4	092.5	128.4	050.0000	0180.8	060.6	61.2
049.0	041.0000	0893.8	092.5	128.6	050.0000	0183.4	062.2	60.8
050.0	041.0000	0895.7	092.6	128.8	050.0000	0183.4	063.8	60.2
051.0	040.5910	0899.3	092.5	129.1	050.0000	0183.4	065.3	59.7
052.0	040.1841	0905.8	092.6	129.4	050.0000	0183.4	066.9	59.1
053.0	039.7792	0915.1	092.7	129.6	050.0000	0186.7	068.5	58.7
054.0	039.3764	0925.2	092.9	129.8	050.0000	0186.7	070.1	58.2
055.0	038.9756	0933.9	093.0	130.0	050.0000	0186.7	071.7	57.7
056.0	038.5769	0940.4	093.0	130.3	050.0000	0186.7	073.3	57.2
057.0	038.1802	0946.2	093.0	130.7	050.0000	0189.9	074.9	56.8
058.0	037.7856	0953.6	093.1	131.0	050.0000	0189.9	076.4	56.3
059.0	037.3930	0964.0	093.2	131.2	050.0000	0189.9	078.0	55.8

Exhibit 8

01-13-2007   30 Sec. Terrain Data

KWMX   BLH19970609KA   KSWG   Proposed
Channel = 244C2   Channel = 242C
Max ERP = 50 kW   Max ERP = 41 kW
RCAMSL = 2215 M   RCAMSL = 2385 M
N. Lat = 35 07 52   N. Lat = 34 14 03
W. Lng = 112 08 03   W. Lng = 112 22 01

          Protected   Interfering
          60 dBu   100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
137.0	050.0000	0232.0	060.1	048.0	041.0000	0892.4	083.6	68.9
138.0	050.0000	0235.2	060.4	048.2	041.0000	0892.4	082.5	69.2
139.0	050.0000	0234.8	060.3	048.2	041.0000	0892.4	081.4	69.5
140.0	050.0000	0231.7	060.1	048.0	041.0000	0892.4	080.4	69.9
141.0	050.0000	0227.4	059.7	047.7	041.0000	0892.4	079.3	70.2
142.0	050.0000	0223.6	059.4	047.4	041.0000	0890.1	078.3	70.5
143.0	050.0000	0221.6	059.2	047.2	041.0000	0890.1	077.3	70.8
144.0	050.0000	0219.9	059.1	047.0	041.0000	0890.1	076.3	71.1
145.0	050.0000	0215.2	058.7	046.6	041.0000	0890.1	075.3	71.4
146.0	050.0000	0207.2	058.0	046.0	041.0000	0886.2	074.4	71.6
147.0	050.0000	0199.9	057.3	045.4	041.0000	0880.7	073.6	71.8
148.0	050.0000	0195.3	056.9	044.9	041.0000	0880.7	072.7	72.1
149.0	050.0000	0191.9	056.6	044.5	041.0000	0875.1	071.8	72.3
150.0	050.0000	0188.5	056.3	044.1	041.0000	0875.1	070.9	72.6
151.0	050.0000	0185.3	056.1	043.6	041.0000	0875.1	070.0	72.9
152.0	050.0000	0182.7	055.8	043.2	041.0000	0871.8	069.2	73.1
153.0	050.0000	0179.9	055.6	042.7	041.0000	0871.8	068.3	73.4
154.0	050.0000	0176.9	055.3	042.2	041.0000	0873.3	067.5	73.6
155.0	050.0000	0174.6	055.1	041.7	041.0000	0873.3	066.7	73.9
156.0	050.0000	0173.0	054.9	041.3	041.0000	0879.4	065.9	74.2
157.0	050.0000	0172.1	054.8	040.9	041.0000	0879.4	065.1	74.5
158.0	050.0000	0171.5	054.8	040.4	041.0000	0887.8	064.3	74.8
159.0	050.0000	0171.8	054.8	040.1	041.0000	0887.8	063.4	75.1
160.0	050.0000	0173.4	055.0	039.8	041.0000	0887.8	062.5	75.4
161.0	050.0000	0176.1	055.2	039.5	041.0000	0887.8	061.5	75.7
162.0	050.0000	0178.9	055.5	039.3	041.0000	0895.6	060.6	76.1
163.0	050.0000	0181.3	055.7	039.0	041.0000	0895.6	059.6	76.4
164.0	050.0000	0183.0	055.9	038.5	041.0000	0895.6	058.7	76.7
165.0	050.0000	0183.7	055.9	038.0	041.0000	0901.9	057.9	77.1
166.0	050.0000	0184.4	056.0	037.5	041.0000	0906.3	057.1	77.4
167.0	050.0000	0184.4	056.0	036.9	041.0000	0906.3	056.3	77.7
168.0	050.0000	0185.0	056.0	036.3	041.0000	0909.4	055.6	78.0
169.0	050.0000	0185.2	056.1	035.6	041.0000	0909.4	054.8	78.2
170.0	050.0000	0186.4	056.2	035.0	041.0000	0912.3	054.1	78.5
171.0	050.0000	0189.1	056.4	034.4	041.0000	0915.6	053.2	78.9
172.0	050.0000	0191.4	056.6	033.8	041.0000	0915.6	052.4	79.2
173.0	050.0000	0193.6	056.8	033.1	041.0000	0918.7	051.6	79.5
174.0	050.0000	0191.7	056.6	032.1	041.0000	0920.2	051.1	79.7
175.0	050.0000	0189.0	056.4	031.1	041.0000	0918.1	050.7	79.8
176.0	050.0000	0186.5	056.2	030.0	041.0000	0912.4	050.3	79.9
177.0	050.0000	0191.5	056.6	029.4	041.0000	0904.5	049.4	80.1
178.0	050.0000	0202.5	057.6	029.0	041.0000	0904.5	048.0	80.6
179.0	050.0000	0213.5	058.5	028.5	041.0000	0904.5	046.7	81.1
180.0	050.0000	0223.9	059.4	027.9	041.0000	0895.5	045.4	81.5
181.0	050.0000	0233.5	060.2	027.2	041.0000	0884.7	044.2	81.9
182.0	050.0000	0243.1	061.0	026.4	041.0000	0871.5	043.1	82.2
183.0	050.0000	0249.9	061.5	025.4	041.0000	0855.1	042.2	82.4
184.0	050.0000	0251.4	061.6	024.1	041.0000	0835.9	041.7	82.4
185.0	050.0000	0251.4	061.6	022.7	041.0000	0815.1	041.3	82.3
186.0	050.0000	0252.1	061.7	021.3	041.0000	0771.4	041.0	82.0

187.0	050.0000	0251.5	061.6	019.8	041.0000	0749.0	040.8	81.8
188.0	050.0000	0253.9	061.8	018.4	041.0000	0722.0	040.4	81.7
189.0	050.0000	0255.8	062.0	016.9	041.0000	0716.5	040.0	81.8
190.0	050.0000	0257.2	062.1	015.4	041.0000	0717.8	039.8	81.9
191.0	050.0000	0256.1	062.0	013.8	041.0000	0724.1	039.8	82.0
192.0	050.0000	0253.6	061.8	012.3	041.0000	0725.0	040.0	81.9
193.0	050.0000	0251.1	061.6	010.7	041.0000	0715.9	040.2	81.7
194.0	050.0000	0248.7	061.4	009.2	041.0000	0696.7	040.4	81.3
195.0	050.0000	0247.8	061.3	007.8	041.0000	0695.0	040.6	81.2
196.0	050.0000	0249.8	061.5	006.2	041.0000	0688.1	040.6	81.1
197.0	050.0000	0254.4	061.9	004.7	041.0000	0681.0	040.5	81.1
198.0	050.0000	0257.9	062.1	003.1	041.0000	0670.2	040.5	81.0
199.0	050.0000	0257.8	062.1	001.6	041.0000	0661.9	040.8	80.7
200.0	050.0000	0257.3	062.1	000.2	041.0000	0646.8	041.2	80.3
201.0	050.0000	0259.9	062.3	358.7	041.0000	0651.3	041.4	80.3
202.0	050.0000	0263.9	062.6	357.2	041.0000	0660.5	041.5	80.4
203.0	050.0000	0269.7	063.0	355.6	041.0000	0658.0	041.6	80.3
204.0	050.0000	0278.2	063.7	353.8	041.0000	0647.0	041.5	80.2
205.0	050.0000	0288.3	064.5	351.9	041.0000	0628.7	041.5	80.0
206.0	050.0000	0296.2	065.1	350.2	041.0000	0612.5	041.6	79.6
207.0	050.0000	0300.9	065.4	348.7	041.0000	0612.6	042.0	79.5
208.0	050.0000	0303.8	065.7	347.3	041.0000	0619.3	042.6	79.4
209.0	050.0000	0305.6	065.8	346.0	041.0000	0622.7	043.2	79.1
210.0	050.0000	0306.4	065.9	344.9	041.0000	0624.4	044.0	78.9
211.0	050.0000	0305.5	065.8	343.9	041.0000	0625.7	044.9	78.5
212.0	050.0000	0302.9	065.6	343.2	041.0000	0628.5	045.9	78.2
213.0	050.0000	0300.2	065.4	342.5	041.0000	0632.8	046.9	77.9
214.0	050.0000	0299.4	065.3	341.7	041.0000	0632.8	047.8	77.5
215.0	050.0000	0300.4	065.4	340.8	041.0000	0638.6	048.7	77.3
216.0	050.0000	0302.5	065.6	339.9	041.0000	0645.2	049.5	77.1
217.0	050.0000	0304.9	065.8	339.0	041.0000	0654.7	050.4	76.9
218.0	050.0000	0307.6	066.0	338.1	041.0000	0664.4	051.3	76.7
219.0	050.0000	0310.7	066.2	337.3	041.0000	0674.3	052.2	76.5
220.0	050.0000	0314.5	066.5	336.5	041.0000	0684.4	053.1	76.3
221.0	050.0000	0318.9	066.8	335.6	041.0000	0684.4	054.0	76.0
222.0	050.0000	0323.9	067.2	334.8	041.0000	0695.4	054.9	75.8
223.0	050.0000	0328.6	067.5	334.0	041.0000	0706.9	055.9	75.6
224.0	050.0000	0332.2	067.8	333.4	041.0000	0719.5	056.9	75.3
225.0	050.0000	0333.4	067.8	332.9	041.0000	0719.5	058.0	75.0
226.0	050.0000	0331.8	067.7	332.7	041.0000	0719.5	059.1	74.5
227.0	050.0000	0328.7	067.5	332.6	041.0000	0719.5	060.3	74.1
228.0	050.0000	0324.7	067.2	332.6	041.0000	0719.5	061.6	73.7
229.0	050.0000	0320.0	066.9	332.6	041.0000	0719.5	062.8	73.3
230.0	050.0000	0315.6	066.5	332.7	041.0000	0719.5	064.0	72.9
231.0	050.0000	0312.6	066.3	332.6	041.0000	0719.5	065.2	72.5
232.0	050.0000	0311.2	066.2	332.5	041.0000	0719.5	066.3	72.2
233.0	050.0000	0311.4	066.2	332.4	041.0000	0734.8	067.5	72.0
234.0	050.0000	0312.7	066.3	332.1	041.0000	0734.8	068.6	71.6
235.0	050.0000	0313.4	066.4	332.0	041.0000	0734.8	069.7	71.3
236.0	050.0000	0311.3	066.2	332.0	041.0000	0734.8	070.9	70.9
237.0	050.0000	0304.3	065.7	332.3	041.0000	0734.8	072.1	70.6
238.0	050.0000	0292.1	064.8	333.0	041.0000	0719.5	073.3	70.0
239.0	050.0000	0277.7	063.7	333.8	041.0000	0706.9	074.5	69.5
240.0	050.0000	0266.9	062.8	334.3	041.0000	0706.9	075.7	69.1
241.0	050.0000	0260.6	062.3	334.6	041.0000	0695.4	076.8	68.6
242.0	050.0000	0256.8	062.0	334.8	041.0000	0695.4	077.9	68.3
243.0	050.0000	0252.1	061.7	335.0	041.0000	0695.4	079.0	67.9
244.0	050.0000	0245.4	061.2	335.4	041.0000	0695.4	080.1	67.6
245.0	050.0000	0236.9	060.5	335.8	041.0000	0684.4	081.2	67.1
246.0	050.0000	0227.4	059.7	336.4	041.0000	0684.4	082.2	66.8
247.0	050.0000	0218.3	058.9	336.9	041.0000	0674.3	083.2	66.3
248.0	050.0000	0210.7	058.3	337.4	041.0000	0674.3	084.3	66.0
249.0	050.0000	0204.4	057.7	337.8	041.0000	0664.4	085.3	65.5
250.0	050.0000	0199.6	057.3	338.1	041.0000	0664.4	086.3	65.2
251.0	050.0000	0196.2	057.0	338.3	041.0000	0664.4	087.2	64.9
252.0	050.0000	0193.6	056.8	338.5	041.0000	0664.4	088.2	64.5
253.0	050.0000	0191.3	056.6	338.6	041.0000	0654.7	089.2	64.1