Exhibit A

ENGINEERING STATEMENT
ON BEHALF
KMOT(TV), MINOT, NORTH DAKOTA
IN SUPPORT OF ITS COMMENTS
RE: SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING
MB DOCKET NO. 87-268
JANUARY 2007

This engineering statement has been prepared on behalf of Hoak Media of Dakota License, LLC, licensee of TV station KMOT(TV), Minot, North Dakota, in support of its comments in the Seventh Further Notice of Proposed Rule Making (FNPRM) in MB Docket No. 87-268.

Station KMOT(TV), Facility ID Number 41425, currently operates on analog TV Channel 10 (192-198 MHz) with 214 kW effective radiated power (ERP) and 207 meters antenna height above average terrain (HAAT). The station was allotted TV Channel 58 (734-740 MHz) by the Commission for its DTV operation with 1000 kW ERP and 207 meters HAAT. KMOT(TV) holds a construction permit (CP) to operate its DTV facility on Channel 58 with 110 kW ERP and 144 meters HAAT using a directional TV antenna. KMOT(TV) filed FCC Form 382 to request its final DTV channel as its current analog TV Channel 10. In the FNPRM the Commission has proposed allotment of Channel 10 for KMOT(TV)'s digital TV operation with 4.75 kW ERP and 207 meters HAAT. The proposed Channel 10 DTV operation would be with a directional TV antenna (Antenna ID No. 74675).

The attached map (Figure 1) shows the predicted coverage contours for the licensed analog TV, authorized DTV on Channel 58 and the Commission's proposed Channel 10 DTV operations. Figure 1 indicates the proposed Channel 10 DTV operation with the allotted 4.75 kW ERP and 207 meters HAAT would not replicate the current analog TV service area. This is partly due to the fact that the Commission's previously allotted UHF DTV Channel 58 with 1000 kW ERP and 207 meters HAAT did not

replicate the analog TV service area because the ERP was capped at 1000 kW for UHF DTV allotments.

The attached map (Figure 2) shows KMOT-DTV operating with 8 kW ERP and 207 meters HAAT using a directional antenna would replicate the TV station's current service area. The attached Table I shows the antenna relative fields for the proposed directional DTV antenna.

An electromagnetic interference study (attached as Table II), based on the FCC OET Bulletin 69, shows that the KMOT(TV)'s DTV operation on Channel 10 with 8 kW ERP and 207 meters HAAT using a directional TV antenna would not cause interference exceeding the 0.1% guidelines to any other DTV allotments.

Under penalty of perjury the undersigned states that the foregoing statement has been prepared by him or under his supervision and that the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

24 January 2007

S. K. Khanna
Professional Engineer
District of Columbia, PE License No.8057

KMOT-TV Antenna Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field
0.0	1.000
10.0	1.000
20.0	1.000
30.0	1.000
40.0	1.000
50.0	1.000
60.0	1.000
70.0	1.000
80.0	1.000
90.0	1.000
100.0	1.000
110.0	1.000
120.0	1.000
130.0	1.000
140.0	1.000
150.0	1.000
160.0	1.000
170.0	1.000
180.0	1.000
190.0	1.000
200.0	1.000
210.0	1.000
220.0	1.000
230.0	1.000
240.0	0.900
250.0	0.870
260.0	0.870
270.0	0.900
280.0	1.000
290.0	1.000
300.0	1.000
310.0	1.000
320.0	1.000
330.0	1.000
340.0	1.000
350.0	1.000

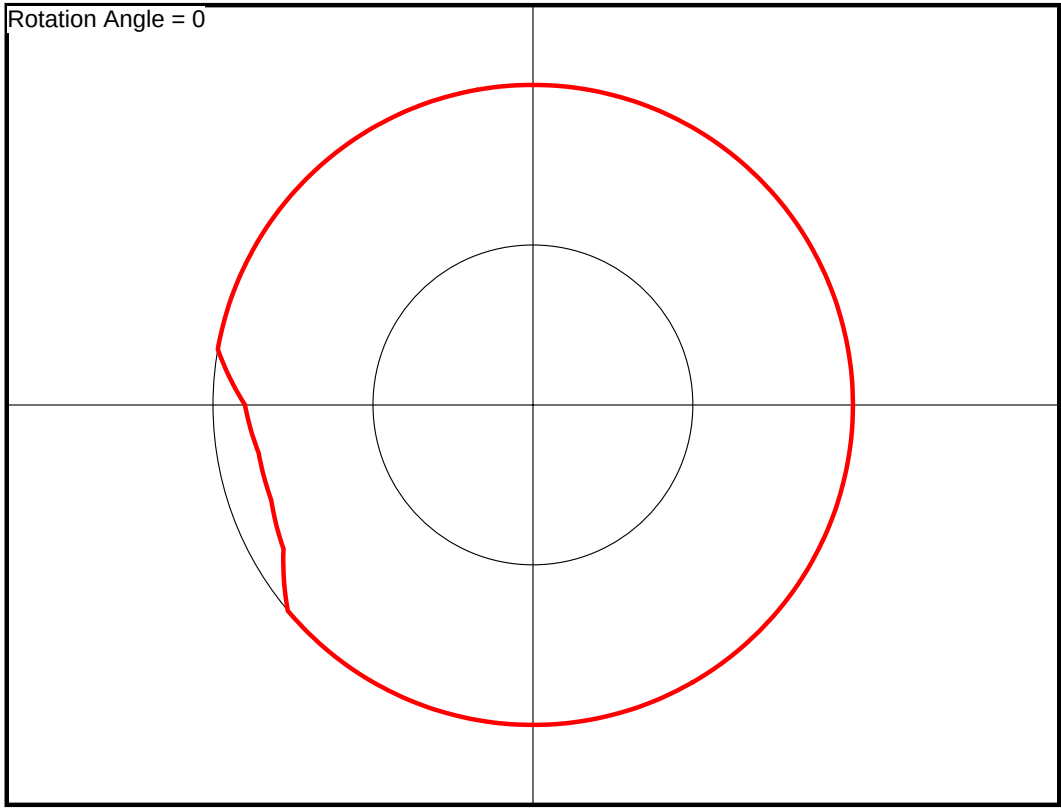

TABLE I
KMOT-TV DTV DIRECTIONAL PATTERN
January 2007

TABLE II

Census data selected 2000
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-24-2007 Time: 17:57:52

Record Selected for Analysis

KMOT USERRECORD-01 MINOT ND US
Channel 10 ERP 8. kW HAAT 207. m RCAMSL 00733 m
Latitude 048-12-56 Longitude 0101-19-05
Status APP Zone 2 Border
Dir Antenna Make usr Model VIC_MINOT Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	8.000	219.2	86.3
45.0	8.000	238.7	87.7
90.0	8.000	238.1	87.7
135.0	8.000	215.5	86.0
180.0	8.000	175.9	83.0
225.0	8.000	154.2	81.1
270.0	6.480	178.1	81.7
315.0	8.000	229.4	87.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KMOT 10 MINOT ND USERRECORD01

and station

SHORT TO: KMOT 10 MINOT ND BDTV 00000200
48-12-56 101-19-05
Req. separation 273.6 Actual separation 0.0 Short 273.6 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is within the Canadian coordination distance
Distance to border = 87.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.57km from AM station
MINOT ND KCJB Status: L Antenna: DA2

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Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
10	KMOT	MINOT ND	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	KDSE	DICKINSON ND	204.5	CP	BDTV - 00000198
10	KBRR	THIEF RIVER FALLS MN	367.7	CP	BPCDT - 19991028AAV
10	KXGN-TV	GLENDIVE MT	282.9	CP	BPRM - 20000418AAC

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	KDSE	DICKINSON ND	BDTV -00000198

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KUMV-TV	WILLISTON ND	171.8	CP	BDTV	- 00000203
09	KABY-TV	ABERDEEN SD	427.9	CP	BDTV	- 00000300
10	KXGN-TV	GLENDIVE MT	138.8	CP	BPRM	- 20000418AAC
10	KMOT	MINOT ND	204.5	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	KBRR	THIEF RIVER FALLS MN	BPCDT	-19991028AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KAWE	BEMIDJI MN	144.8	CP	BDTV	- 00000162
10	KWCM-TV	APPLETON MN	318.5	CP	BPEDT	- 20000501AIK
10	WDIO-TV	DULUTH MN	347.7	CP	BPCDT	- 19991027ABA
10	KMOT	MINOT ND	367.7	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	KXGN-TV	GLENDIVE MT	BPRM	-20000418AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KDSE	DICKINSON ND	138.8	CP	BDTV	- 00000198
10	KTVQ	BILLINGS MT	322.9	CP	BPRM	- 20010110ABG

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 10   KHSD-TV  LEAD SD                    310.1  CP     BPCDT     -
20010529ACO
 10   KMOT     MINOT ND                   282.9  APP    USERRECORD-01

 Total scenarios =   1


Result key:        1
Scenario        1  Affected station        3
Before Analysis

Results for: 10A MT GLENDIVE             BPRM      20000418AAC  CP
   HAAT  152.0 m, ATV ERP   30.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour       23497      24222.7
   not affected by terrain losses     22390      21406.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         375        830.5
   lost to ATV IX only                  375        830.5
   lost to all IX                       375        830.5

 Potential Interfering Stations Included in above Scenario     1

10A MT BILLINGS             BPRM      20010110ABG  CP
10A SD LEAD                 BPCDT     20010529ACO  CP

After Analysis

Results for: 10A MT GLENDIVE             BPRM      20000418AAC  CP
   HAAT  152.0 m, ATV ERP   30.0 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour       23497      24222.7
   not affected by terrain losses     22390      21406.4
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         377        885.3
   lost to ATV IX only                  377        885.3
   lost to all IX                       377        885.3

 Potential Interfering Stations Included in above Scenario     1

10A MT BILLINGS             BPRM      20010110ABG  CP
10A SD LEAD                 BPCDT     20010529ACO  CP
10A ND MINOT                USERRECORD01           APP

Percent new IX =    0.0091%

Worst case new IX    0.0091% Scenario      1

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     Analysis of Interference to Affected Station   4


Analysis of current record
Channel     Call           City/State        Application Ref. No.
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   10      KMOT       MINOT ND                  USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref.
No.
 09   KDSE     DICKINSON ND              204.5  CP     BDTV      -
00000198
 10   KBRR     THIEF RIVER FALLS MN      367.7  CP     BPCDT     -
19991028AAV
 10   KXGN-TV  GLENDIVE MT               282.9  CP     BPRM      -
20000418AAC

 Total scenarios =   1


Result key:        2
Scenario        1  Affected station        4
Before Analysis

Results for: 10A ND MINOT                USERRECORD01           APP
   HAAT  206.0 m, ATV ERP    8.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour       79398      22777.4
   not affected by terrain losses     77614      21691.1
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV         922        355.5
   lost to ATV IX only                  922        355.5
   lost to all IX                       922        355.5

 Potential Interfering Stations Included in above Scenario     1

10A MT GLENDIVE             BPRM      20000418AAC  CP

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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KMOT(TV)
BLCT1851
Latitude: 48-12-56 N
Longitude: 101-19-05 W
ERP: 214.00 kW
HAAT:207.0 meters
Channel: 10-
Frequency: 194.5 MHz
AMSL Height: 733.0 m
Elevation: 518.26 m
Horiz. Pattern: Omni

KMOT-DTV CP
BPCDT19991015AAW
Latitude: 48-12-56 N
Longitude: 101-19-05 W
ERP: 110.00 kW
HAAT:144.0 meters
Channel: 58
Frequency: 737.0 MHz
AMSL Height: 671.0 m
Elevation: 518.26 m
Horiz. Pattern: Directional

KMOT-DTV ALLOT
Latitude: 48-12-56 N
Longitude: 101-19-05 W
ERP: 4.75 kW
HAAT:207.0 meters
Channel: 10
Frequency: 195.0 MHz
AMSL Height: 733.96 m
Elevation: 518.26 m
Horiz. Pattern: Directional

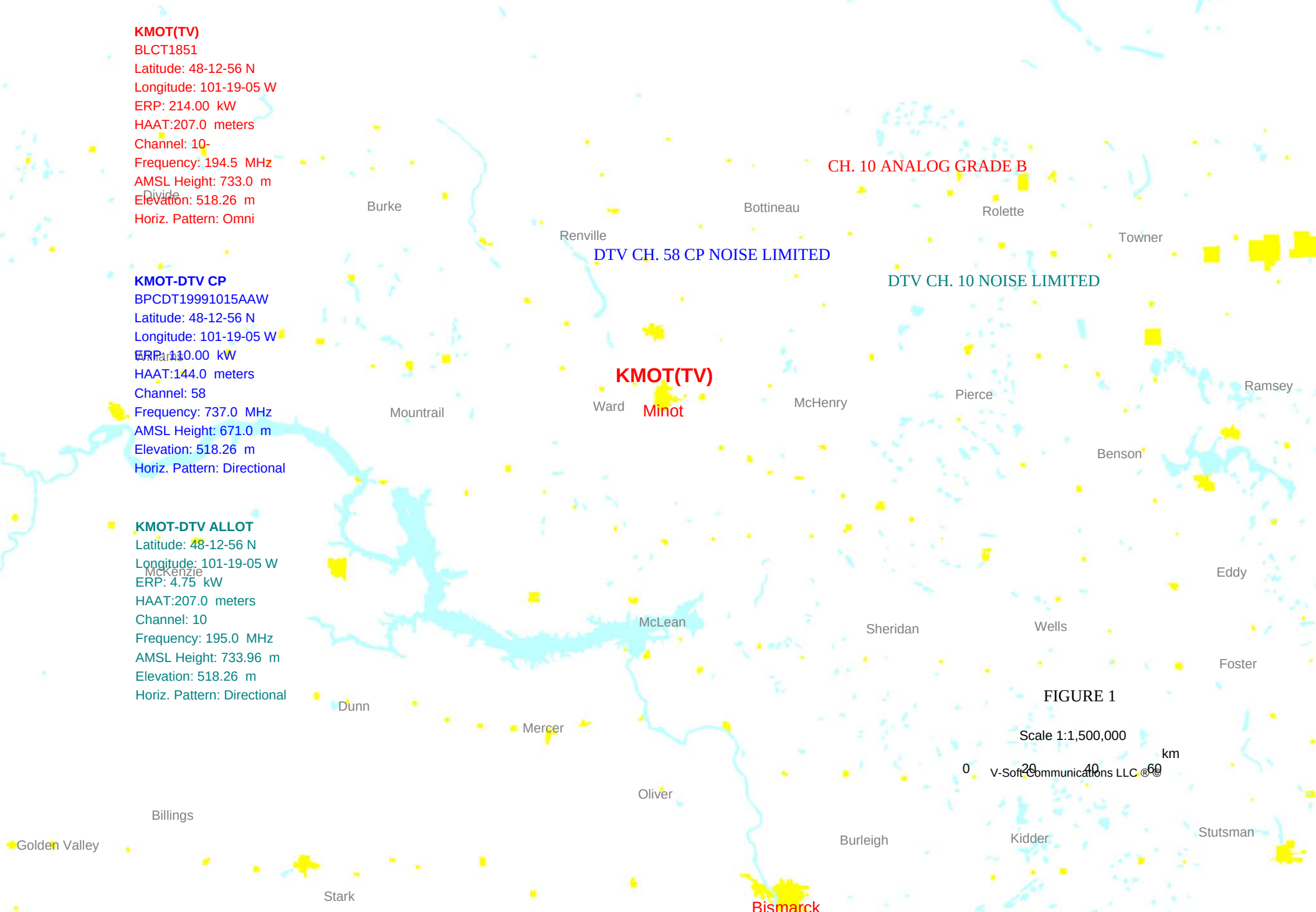

FIGURE 1

KMOT(TV)
BLCT1851
Latitude: 48-12-56 N
Longitude: 101-19-05 W
ERP: 214.00 kW
HAAT:207.0 meters
Channel: 10-
Frequency: 194.5 MHz
AMSL Height: 733.0 m
Elevation: 518.26 m
Horiz. Pattern: Omni

KMOT-DTV ALLOT
Latitude: 48-12-56 N
Longitude: 101-19-05 W
ERP: 8.00 kW
HAAT:207.0 meters
Channel: 10
Frequency: 195.0 MHz
AMSL Height: 733.96 m
Elevation: 518.26 m
Horiz. Pattern: Directional

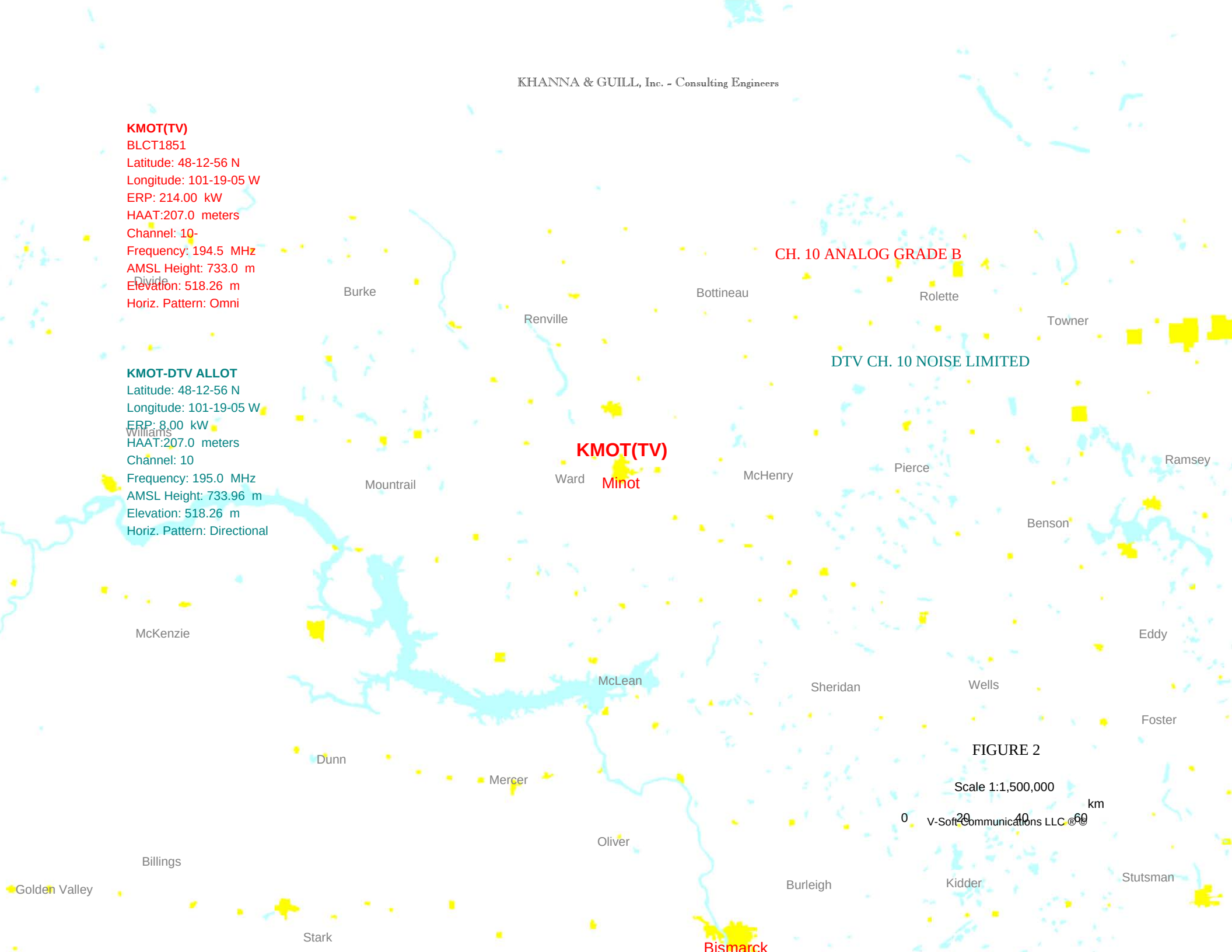

FIGURE 2

Exhibit B

ENGINEERING STATEMENT
ON BEHALF
KHAS-TV, HASTINGS, NEBRASKA
IN SUPPORT OF ITS COMMENTS
RE: SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING
MB DOCKET NO. 87-268
JANUARY 2007

This engineering statement has been prepared on behalf of Hoak Media of Nebraska License, LLC, licensee of TV station KHAS-TV, Hastings, Nebraska, in support of its comments in the Seventh Further Notice of Proposed Rule Making (FNPRM) in MB Docket No. 87-268.

Station KHAS-TV, Facility ID Number 48003, currently operates on analog TV Channel 5 (76-82 MHz) with 100 kW effective radiated power (ERP) and 223 meters antenna height above average terrain (HAAT). The station was allotted TV Channel 21 (512-518 MHz) by the Commission for its DTV operation with 1000 kW ERP and 223 meters HAAT. KHAS-TV holds a construction permit (CP) to operate its DTV facility on Channel 21 with 1000 kW ERP and 218 meters HAAT using a directional TV antenna. KHAS-TV filed FCC Form 382 to request its final DTV channel as its current analog TV Channel 5. In the FNPRM the Commission has proposed allotment of Channel 5 for KHAS-TV's digital TV operation with 2.8 kW ERP and 218 meters HAAT. The proposed Channel 5 DTV operation would be with a directional TV antenna (Antenna ID No. 74444).

The attached map (Figure 1) shows the predicted coverage contours for the licensed analog TV, authorized DTV on Channel 21 and the Commission's proposed Channel 5 DTV operations. Figure 1 indicates the proposed Channel 5 DTV operation with the allotted 2.8 kW ERP and 218 meters HAAT would not replicate the current analog TV service area. This is partly due to the fact that the Commission's previously allotted UHF DTV Channel 21 1000 kW ERP and 218 meters HAAT did not replicate the analog TV service area because the ERP was capped at 1000 kW for UHF DTV allotments. The Commission allotted 2.8 kW ERP and 218 meters HAAT to KHAS-TV

allotments. The Commission allotted 2.8 kW ERP and 218 meters HAAT to KHAS-TV for its DTV operation on Channel 5 to approximately replicate its DTV Channel 21 operation rather than replicating its analog TV service area.

The attached map (Figure 2) shows KHAS-DTV operating with 7 kW ERP and 218 meters HAAT using a non-directional antenna would replicate TV station's current service area.

An electromagnetic interference study (attached as Table 1), based on the FCC OET Bulletin 69, shows that the KHAS-TV's DTV operation on Channel 5 with 45 kW ERP and 218 meters HAAT would not cause interference exceeding the 0.1% guidelines to any other DTV allotments. Since the use of VHF Channels 2-6 for digital operations is proposed for only a very few TV stations, the Commission should consider allowing the maximum permissible power (45 kW at 218 meters HAAT) under its rules to fully utilize the spectrum and provide the station flexibility to operate with higher power if it chooses to do so in the future, even though the coverage would be extended beyond the analog TV service. At a minimum the Commission should allot 7 kW ERP at 218 meters HAAT for KHAS-TV's digital operation to replicate its analog TV service area.

Under penalty of perjury the undersigned states that the foregoing statement has been prepared by him or under his supervision and that the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

23 January 2007

S. K. Khanna
Professional Engineer
District of Columbia, PE License No.8057

TABLE 1

Census data selected 2000
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-23-2007 Time: 14:24:48

Record Selected for Analysis

KHASTV USERRECORD-01 HASTINGS NE US
Channel 05 ERP 45. kW HAAT 218. m RCAMSL 00805 m
Latitude 040-39-06 Longitude 0098-23-04
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	45.000	213.2	114.6
45.0	45.000	224.1	115.7
90.0	45.000	235.7	116.9
135.0	45.000	229.9	116.3
180.0	45.000	220.8	115.4
225.0	45.000	209.8	114.2
270.0	45.000	198.8	113.0
315.0	45.000	203.0	113.5

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KHASTV 05 HASTINGS NE USERRECORD01

and station

SHORT TO: KHAS-TV 05 HASTINGS NE BMPCDT 20020221AAT
040-38-56 0098-23- 1
Req. separation 273.6 Actual separation 0.3 Short 273.3 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
05	KHASTV	HASTINGS NE	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	WOI-TV	AMES IA	419.5	CP MOD	BMPCDT -20000428ABD

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	WOI-TV	AMES IA	BMPCDT -20000428ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KHASTV	HASTINGS NE	419.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	KHASTV	HASTINGS NE	USERRECORD-01

Stations Potentially Affecting This Station

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Chan   Call      City/State       Dist(km) Status  Application Ref. No.
 05   WOI-TV   AMES IA            419.5  CP MOD BMPCDT    -20000428ABD

 Total scenarios =   1


Result key:        1
Scenario        1  Affected station        2
Before Analysis

Results for:  5A NE HASTINGS             USERRECORD01           APP
   HAAT  217.0 m, ATV ERP   45.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      277298      41514.4
   not affected by terrain losses    276704      41270.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV           0          0.0
   lost to ATV IX only                    0          0.0
   lost to all IX                         0          0.0

 Potential Interfering Stations Included in above Scenario     1


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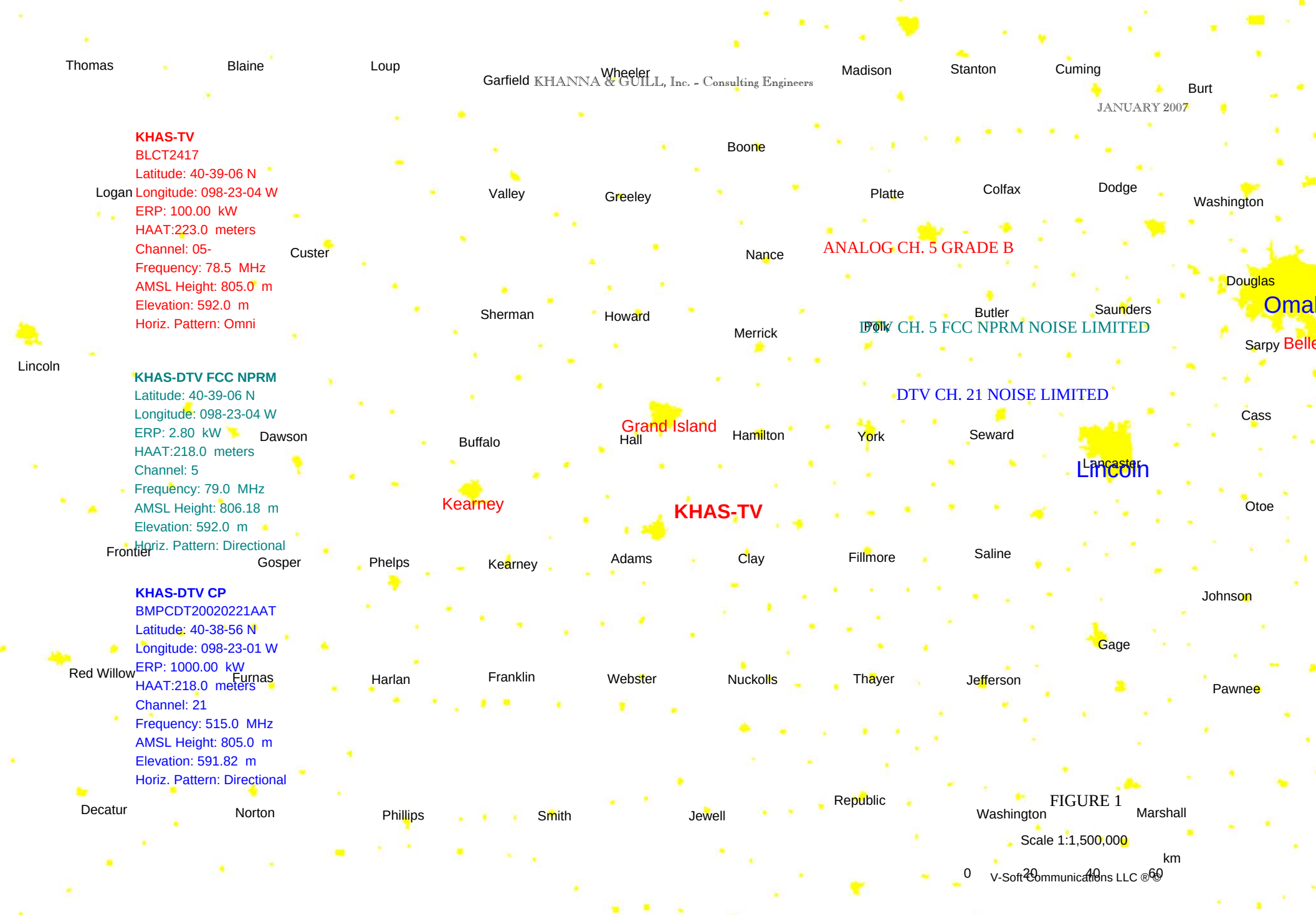

FIGURE 1

COMPUTED CONTOURS FOR THE ANALOG TV, AUTHORIZED DTV AND FCC NPRM DTV OPERATIONS OF KHAS-TV, HASTINGS, NEBRASKA

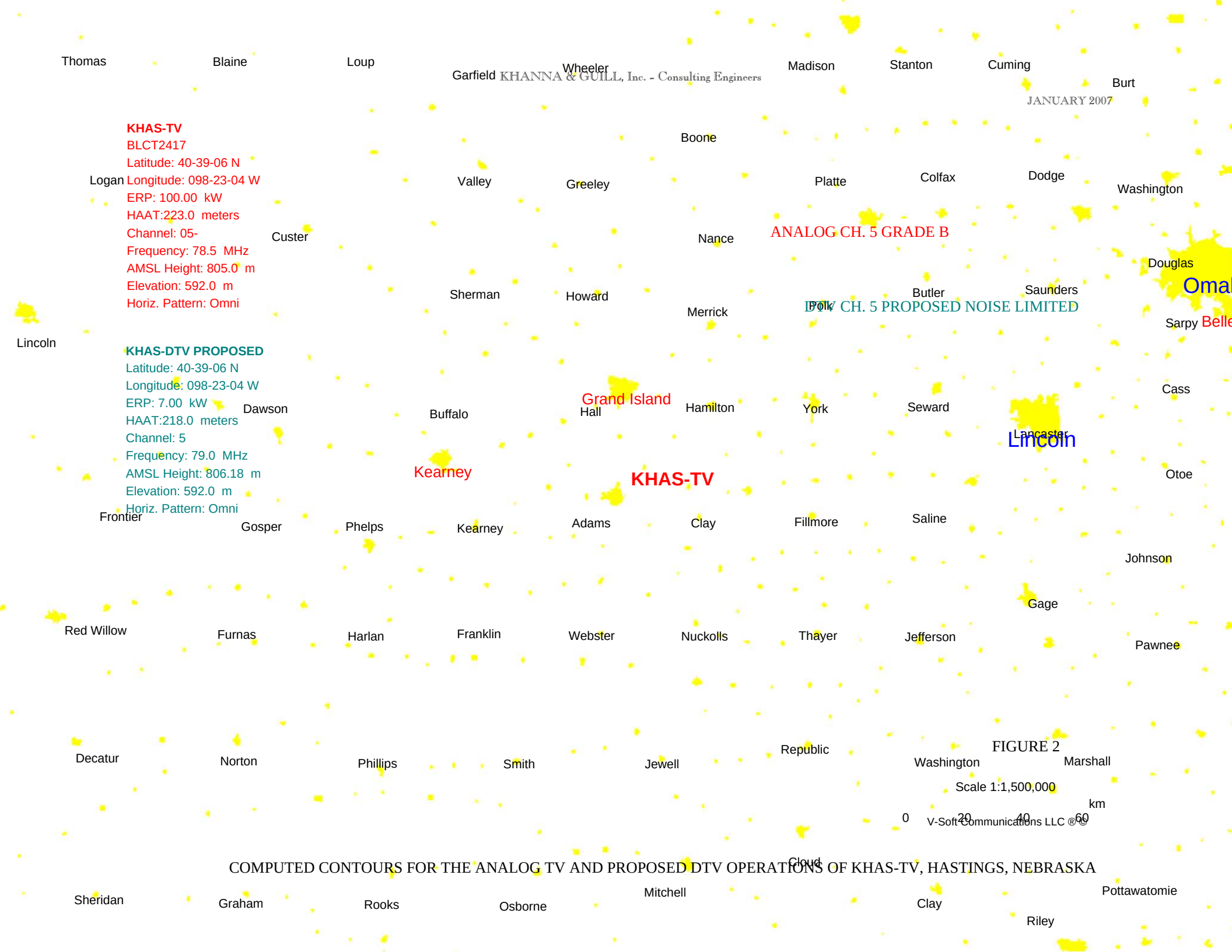

FIGURE 2

COMPUTED CONTOURS FOR THE ANALOG TV AND PROPOSED DTV OPERATIONS OF KHAS-TV, HASTINGS, NEBRASKA

Exhibit C

ENGINEERING STATEMENT
ON BEHALF
KNOP-TV, NORTH PLATTE, NEBRASKA
IN SUPPORT OF ITS COMMENTS
RE: SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING
MB DOCKET NO. 87-268
JANUARY 2007

This engineering statement has been prepared on behalf of Hoak Media of Nebraska License, LLC, licensee of TV station KNOP-TV, North Platte, Nebraska, in support of its comments in the Seventh Further Notice of Proposed Rule Making (FNPRM) in MB Docket No. 87-268.

Station KNOP-TV, Facility ID Number 49273, currently operates on analog TV Channel 2 (54-60 MHz) with 100 kW effective radiated power (ERP) and 192 meters antenna height above average terrain (HAAT). The station was allotted TV Channel 22 (518-524 MHz) by the Commission for its DTV operation with 1000 kW ERP and 192 meters HAAT. KNOP-TV holds a construction permit (CP) to operate its DTV facility on Channel 22 with 1000 kW ERP and 145 meters HAAT. KNOP-TV filed FCC Form 382 to request its final DTV channel as its current analog TV Channel 2. In the FNPRM the Commission has proposed allotment of Channel 2 for KNOP-TV's digital TV operation with 3.61 kW ERP and 145 meters HAAT. The proposed Channel 2 DTV operation would be with a directional TV antenna (Antenna ID No. 74444).

The attached map (Figure 1) shows the predicted coverage contours for the licensed analog TV, authorized DTV on Channel 22 and the Commission's proposed Channel 2 DTV operations. Figure 1 indicates the proposed Channel 2 DTV operation with the allotted 3.61 kW ERP and 145 meters HAAT would not replicate the current analog TV service area. This is partly due to the fact that the Commission's previously allotted UHF DTV Channel 22 1000 kW ERP and 145 meters HAAT did not replicate the analog TV service area because the ERP was capped at 1000 kW for UHF DTV allotments. The Commission allotted 3.61 kW ERP and 145 meters HAAT to KNOP-TV

for its DTV operation on Channel 2 to approximately replicate its DTV Channel 22 operation rather than replicating its analog TV service area.

The attached map (Figure 2) shows KNOP DTV operating with 16 kW ERP and 145 meters HAAT using the allotted directional antenna would replicate the TV station's current service area.

An electromagnetic interference study (attached as Table 1), based on the FCC OET Bulletin 69, shows that the KNOP-TV's DTV operation on Channel 2 with even higher power of 45 kW ERP and 145 meters HAAT would not cause interference exceeding the 0.1% guidelines to any other DTV allotments. Therefore, the Commission should allot 16 kW ERP at 145 meters HAAT for KNOP-TV's digital operation to replicate its analog TV service area.

Under penalty of perjury the undersigned states that the foregoing statement has been prepared by him or under his supervision and that the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

24 January 2007

S. K. Khanna
Professional Engineer
District of Columbia, PE License No.8057

TABLE 1

Census data selected 2000
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-23-2007 Time: 14:32:26

Record Selected for Analysis

KNOPTV USERRECORD-01 NORTH PLATTE NE US
Channel 02 ERP 45. kW HAAT 196. m RCAMSL 01089 m
Latitude 041-12-13 Longitude 0100-43-58
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	45.000	146.6	105.3
45.0	45.000	172.9	109.6
90.0	45.000	176.4	110.1
135.0	45.000	218.4	115.1
180.0	45.000	225.8	115.9
225.0	45.000	227.0	116.0
270.0	45.000	223.6	115.7
315.0	45.000	173.9	109.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KNOPTV 02 NORTH PLATTE NE USERRECORD01

and station

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 SHORT TO: KNOP-TV  02 NORTH PLATTE         NE BPCDT     19991101AJA
 041-12-13  0100-43-58
 Req. separation 273.6 Actual separation   0.0 Short 273.6 km


 Proposed facility OK to FCC Monitoring Stations

 Proposed facility OK toward West Virginia quite zone

 Proposed facility OK toward Table Mountian

 Proposed facility is beyond the Canadian coordination distance

 Proposed facility is beyond the Mexican coordination distance

 Proposed station is OK toward AM broadcast stations

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*
                         Start of Interference Analysis


               Proposed Station
Channel     Call         City/State               ARN
   02      KNOPTV     NORTH PLATTE NE             USERRECORD01

     Stations Potentially Affected by  Proposed Station

Chan   Call      City/State           Dist(km) Status  Application Ref.
No.
 02   KOTA-TV  RAPID CITY SD             379.2  LIC    BLCDT     -
20030102ABF

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     Analysis of Interference to Affected Station   1


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   02      KOTA-TV    RAPID CITY SD             BLCDT     -20030102ABF

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref.
No.
 02   KNOPTV   NORTH PLATTE NE           379.2  APP    USERRECORD-01

 Total scenarios =   1


Result key:        1
```

```
Scenario        1  Affected station        1
Before Analysis

Results for:  2A SD RAPID CITY           BLCDT     20030102ABF  LIC
   HAAT  185.0 m, ATV ERP    7.1 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour      136712      21414.1
   not affected by terrain losses    132942      21012.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV           0          0.0
   lost to ATV IX only                    0          0.0
   lost to all IX                         0          0.0

 Potential Interfering Stations Included in above Scenario     1


After Analysis

Results for:  2A SD RAPID CITY           BLCDT     20030102ABF  LIC
   HAAT  185.0 m, ATV ERP    7.1 kW
                                   POPULATION   AREA (sq km)
   within Noise Limited Contour      136712      21414.1
   not affected by terrain losses    132942      21012.6
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          19        114.4
   lost to ATV IX only                   19        114.4
   lost to all IX                        19        114.4

 Potential Interfering Stations Included in above Scenario     1

 2A NE NORTH PLATTE         USERRECORD01           APP

Percent new IX =    0.0143%

Worst case new IX    0.0143% Scenario      1

#########################################################################
#


     Analysis of Interference to Affected Station   2


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   02      KNOPTV     NORTH PLATTE NE           USERRECORD-01

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref.
No.
 02   KOTA-TV  RAPID CITY SD             379.2  LIC    BLCDT     -
20030102ABF

 Total scenarios =   1
```

```
Result key:        2
Scenario        1  Affected station        2
Before Analysis

Results for:  2A NE NORTH PLATTE         USERRECORD01           APP
   HAAT  196.0 m, ATV ERP   45.0 kW
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour      107286      39632.2
   not affected by terrain losses    106157      39276.7
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV          70         37.5
   lost to ATV IX only                   70         37.5
   lost to all IX                        70         37.5

 Potential Interfering Stations Included in above Scenario     1

 2A SD RAPID CITY           BLCDT     20030102ABF  LIC

#######################################################################
#

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
```

KHANNA & GUILL, Inc. - Consulting Engineers

JANUARY 2007

KNOP-TV
BLCT19791022KJ
Latitude: 41-12-13 N
Longitude: 100-43-58 W
ERP: 100.00 kW
HAAT:192.0 meters
Channel: 02-
Frequency: 56.5 MHz
AMSL Height: 1089.0 m
Elevation: 914.0 m
Horiz. Pattern: Omni

KNOP-DTV PROPOSED
BLCT19791022KJ
Latitude: 41-12-13 N
Longitude: 100-43-58 W
ERP: 3.61 kW
HAAT:145.0 meters
Channel: 2-
Frequency: 56.5 MHz
AMSL Height: 1038.48 m
Elevation: 914.0 m
Horiz. Pattern: Directional

KNOP-DTV CP
BPCDT19991101AJA
Latitude: 41-12-13 N
Longitude: 100-43-58 W
ERP: 1000.00 kW
HAAT:145.0 meters
Channel: 22
Frequency: 521.0 MHz
AMSL Height: 1042.0 m
Elevation: 914.0 m
Horiz. Pattern: Omni

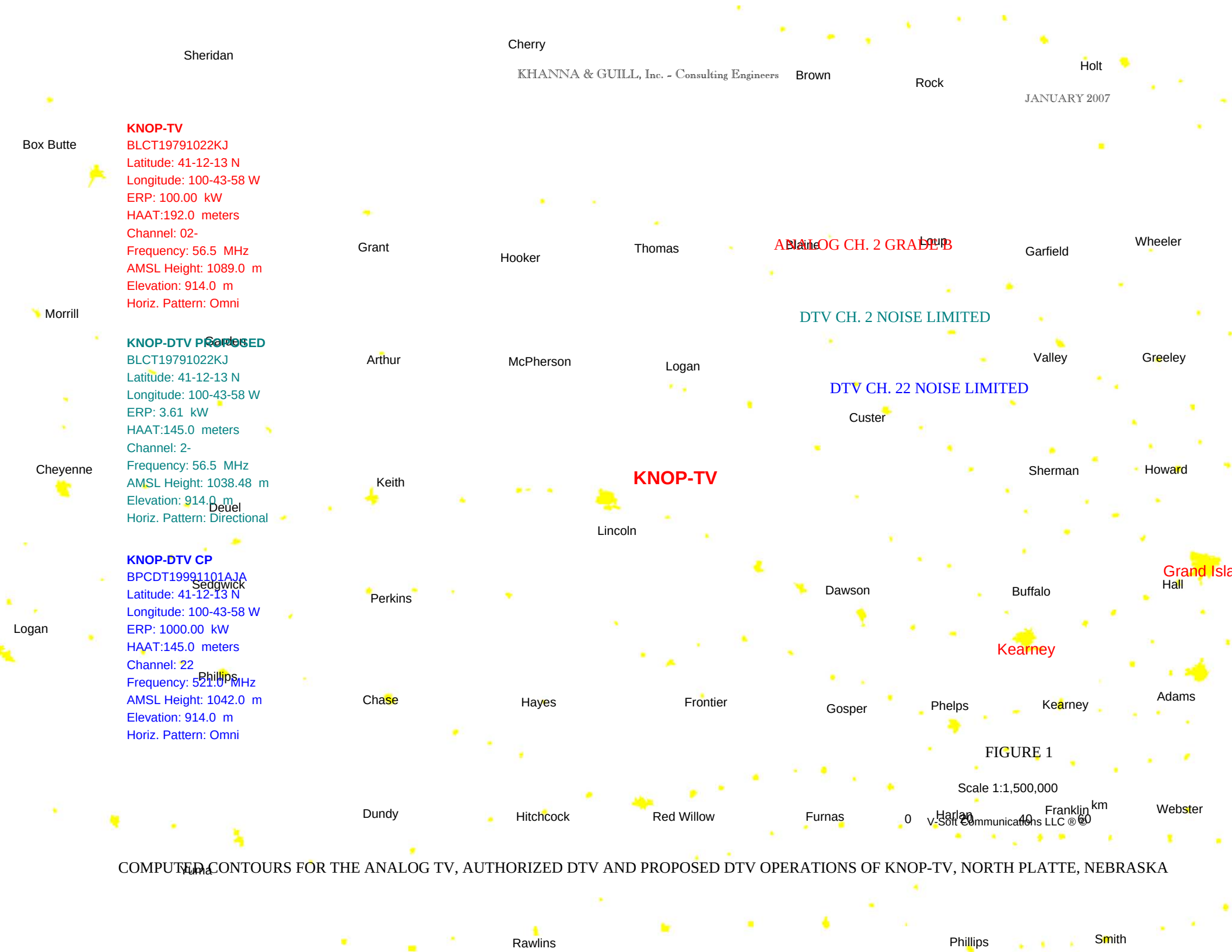

FIGURE 1

Scale 1:1,500,000

COMPUTED CONTOURS FOR THE ANALOG TV, AUTHORIZED DTV AND PROPOSED DTV OPERATIONS OF KNOP-TV, NORTH PLATTE, NEBRASKA

KHANNA & GUILL, Inc. - Consulting Engineers

JANUARY 2007

KNOP-TV
BLCT19791022KJ
Latitude: 41-12-13 N
Longitude: 100-43-58 W
ERP: 100.00 kW
HAAT:192.0 meters
Channel: 02-
Frequency: 56.5 MHz
AMSL Height: 1089.0 m
Elevation: 914.0 m
Horiz. Pattern: Omni

KNOP-DTV PROPOSED
BLCT19791022KJ
Latitude: 41-12-13 N
Longitude: 100-43-58 W
ERP: 16.00 kW
HAAT:145.0 meters
Channel: 2-
Frequency: 56.5 MHz
AMSL Height: 1038.48 m
Elevation: 914.0 m
Horiz. Pattern: Directional

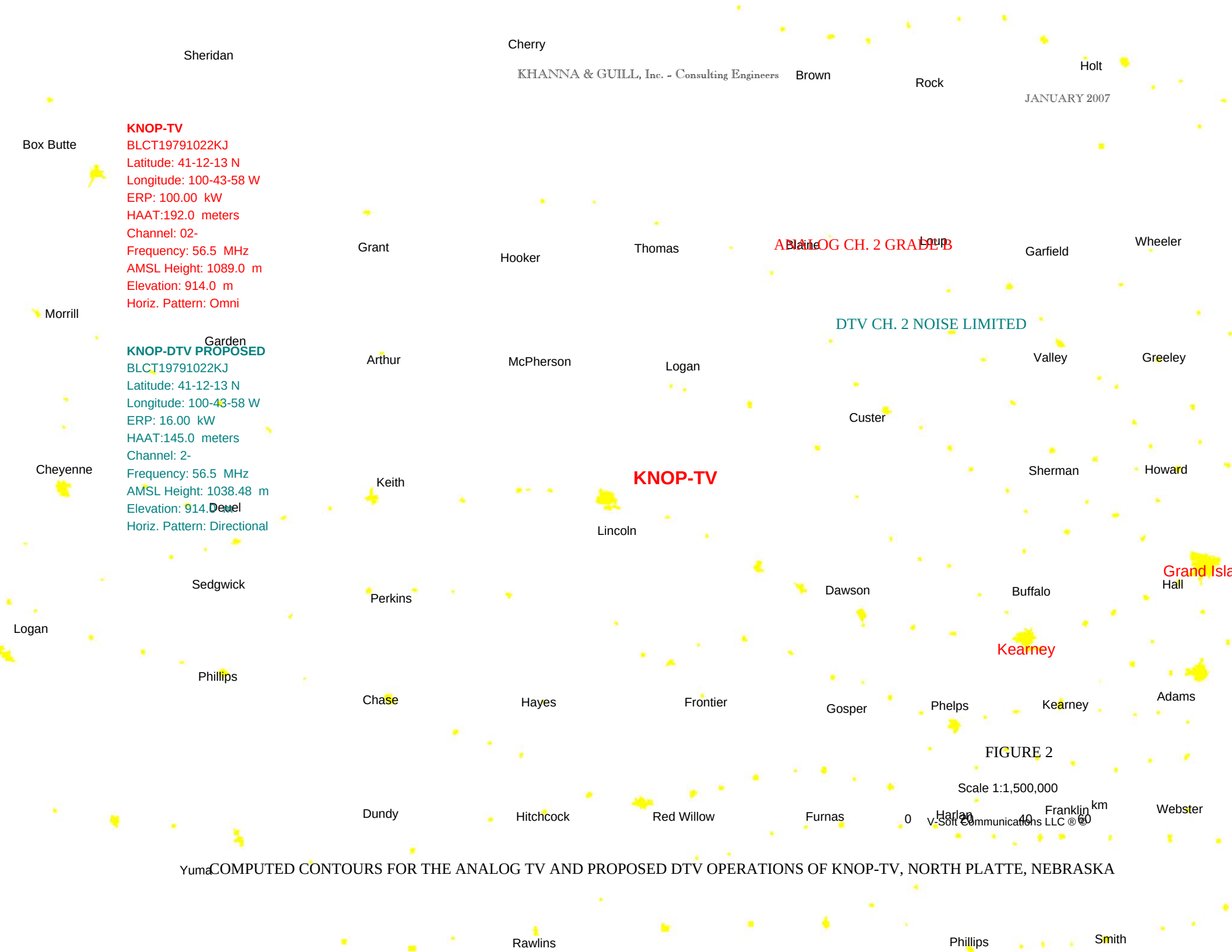

FIGURE 2

Scale 1:1,500,000

COMPUTED CONTOURS FOR THE ANALOG TV AND PROPOSED DTV OPERATIONS OF KNOP-TV, NORTH PLATTE, NEBRASKA