K26KT-D MINOR MODIFICATION TO CONSTRUCTION PERMIT FOR CH 26 15 kW DIRECTIONAL

FACILITY ID 182824 BNPDTL-20090825BVM

ELDON, MISSOURI

ENGINEERING NARRATIVE AND RF RADIATION ENVIRONMENTAL ANALYSIS

APRIL 2019

K26KT-D is authorized for operation on CH 26. This application proposes a minor change to those CP facilities, BNPDTL-20090825BVM. The proposed facility qualifies as a minor change as there is no change in channel of operation, there is significant overlap of the present and proposed LPTV service contours and the proposed site is 12.1 kilometers from the CP site in compliance with 74.787 (b) (iii). FCC TVStudy software was utilized to determine the interference levels associated with the proposed K26KT-D facility and they are pasted in below.

The applicant proposes herein to move to FCC Tower registration ASR 1298952. The proposed antenna system consists of an ATC ATC-BCE410CW-V2-26 antenna with a cardioid pattern oriented at 200 degrees True. The antenna is a UHF slot antenna, elliptically polarized, with 1.0 degree of beam tilt. The maximum relative field in the elevation pattern across the depression angle range of 30 to 90 degrees is less than 0.15 with a radiation center 70.1 meters above ground. Utilizing formula 10 OF OET Bulletin No. 65, Edition 97-01, a value F of 0.15 has been used to calculate the power density 2 meters above ground. The maximum power density is 3.65 uw/cm squared calculated for an ERP OF 15,000 watts H. polarization and 7,500 watts V. polarization. This value is 1.0% of the Public Exposure MPE per section 1.1310. Based on this analysis it is believed that the proposed facility follows OET-65 Guidelines.

The applicant will reduce power or cease transmission as required to meet FCC OET-65 Guidelines.

The proposed tower is existing along with the transmitter building, access road and power.

Below is a copy of the TVStudy interference analysis for CH 26 based on the facilities described above with the antenna orientation of 200 degrees true. As can be seen at the conclusion of the report there is no impermissible ISIX interference. It is believed that the proposed facility provides full protection to other television facilities based on the following:

TVStudy Report: Proposed facility

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Study created: 2019.04.16 16:15:40

Study build station data: LMS TV 2019-04-14

    Proposal: K26KT-D D26 LD CP ELDON, MO
 File number: BNPDTL20090825BVM
 Facility ID: 182824
Station data: User record
   Record ID: 207
     Country: U.S.
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Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KXNW	D25	DT	LIC	EUREKA SPRINGS, AR	BLANK0000059458	242.2 km
No	KMCI-TV	D25	DT	CP	LAWRENCE, KS	BLANK0000034675	197.8
No	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	144.8
No	K25NR-D	D25	LD	CP	COLUMBIA, MO	BLANK0000001278	63.0
No	KFKY-LD	D25	LD	CP	JOPLIN, MO	BLANK0000052631	133.8
No	K25NG-D	D25	DC	LIC	ST. LOUIS, MO	BLDTL20130805ABR	198.9
No	K26GS-D	D26	LD	LIC	HARRISON, AR	BLDTL20100517AFK	241.8
No	KCYM-LD	D26	LD	CP	FORT DODGE, IA	BLANK0000051607	402.8
No	K26PC-D	D26	LD	CP	OTTUMWA, IA	BNPDTL20101013AAT	291.9
No	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	317.7
No	W26DZ-D	D26	LD	CP	CHAMPAIGN, IL	BLANK0000013445	317.7
No	WMBD-TV	D26	DT	CP	PEORIA, IL	BLANK0000027808	365.9
No	W26DY-D	D26	LD	CP	PEORIA, IL	BLANK0000013918	366.2
No	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	434.3
No	WROB-LD	D26	LD	LIC	TOPEKA, KS	BLDTL20140908AFA	302.1
No	KSAS-TV	D26	DT	LIC	WICHITA, KS	BLCDT20021120AAN	445.0
No	K26ME-D	D26	LD	CP	CAPE GIRARDEAU, MO	BLANK0000036235	244.3
Yes	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	63.0

Yes	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	97.5
Yes	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
Yes	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
Yes	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
Yes	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	189.8
Yes	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	189.8
No	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	406.9
No	KPTM	D26	DT	CP	OMAHA, NE	BLANK0000033633	450.3
No	KXUN-LD	D26	LD	LIC	SALLISAW, OK	BLANK0000064232	353.4
No	KOTV-DT	D26	DT	CP	TULSA, OK	BLANK0000028019	376.7
No	W27DF-D	D27	LD	LIC	QUINCY, IL	BLANK0000023020	216.0
Yes	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	66.7
No	KULG-LD	D27	LD	LIC	Springfield, MO	BLANK0000007881	165.1
No	KULG-LD	D27	LD	CP	Springfield, MO	BLANK0000036446	169.1
No	KBGU-LP	D27	LD	CP	ST. LOUIS, MO	BLANK0000051595	189.8
No	KLMC-LP	N28+	TX	LIC	JEFFERSON CITY, MO	BLTTL20050613AFP	40.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D26
       Mask: Full Service
   Latitude:  38 14 20.80 N (NAD83)
  Longitude:  92 27 43.00 W
Height AMSL: 288.0 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: ATC BCE410CW-V2-26 200.0 deg
Elev Pattrn: Generic
  Elec Tilt: 1.00
```

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.37 kW	56.7 m	25.9 km
45.0	1.83	83.3	31.3
90.0	8.62	80.7	38.7
135.0	14.8	52.9	36.6
180.0	13.6	23.6	29.9

225.0	13.2	58.6	37.3
270.0	14.9	77.8	40.9
315.0	7.75	33.3	28.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 58 m

Distance to Canadian border: 894.3 km

Distance to Mexican border: 1249.4 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 302.1 degrees Distance: 591.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 284.8 degrees Distance: 1118.3 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BNPDTL20090825BVM ----

**MX with scenario 1, 9.15% interference received
**MX with BLANK0000071588 APP scenario 2, 9.15% interference received
**MX with BLANK0000050068 APP scenario 3, 5.18% interference received
Proposal receives 5.19% interference from scenario 4

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tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1,  Study: BNPDTL20090825BVM #298,  Model: Longley-Rice
Start: 2019.04.16 16:15:40

Study created: 2019.04.16 16:15:40

Study build station data: LMS TV 2019-04-14

    Proposal: K26KT-D D26 LD CP ELDON, MO
 File number: BNPDTL20090825BVM
 Facility ID: 182824
Station data: User record
   Record ID: 207
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No	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	144.8
No	K25NR-D	D25	LD	CP	COLUMBIA, MO	BLANK0000001278	63.0
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Yes	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	63.0
Yes	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	97.5
Yes	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
Yes	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
Yes	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
Yes	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	189.8
Yes	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	189.8
No	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	406.9

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No	W27DF-D	D27	LD	LIC	QUINCY, IL	BLANK0000023020	216.0
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       Mask: Full Service
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  Longitude:  92 27 43.00 W
Height AMSL: 288.0 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: ATC BCE410CW-V2-26 200.0 deg
Elev Pattrn: Generic
  Elec Tilt: 1.00
```

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.37 kW	56.7 m	25.9 km
45.0	1.83	83.3	31.3
90.0	8.62	80.7	38.7
135.0	14.8	52.9	36.6
180.0	13.6	23.6	29.9
225.0	13.2	58.6	37.3
270.0	14.9	77.8	40.9
315.0	7.75	33.3	28.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 58 m

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Conditions at Table Mountain receiving zone:
Bearing: 284.8 degrees Distance: 1118.3 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000071588 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	63.0 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	287.3
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	73.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	86.7
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	172.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7184.0	315,766	7111.8	314,959	6205.2	298,734	6072.7	296,399	2.14	0.78

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	167.6	3,304				132.5	2,335
K26KU-D D26 LD CP	741.5	14,412		522.9	11,755	521.9	11,755
K26KV-D D26 LD CP	271.8	2,980		72.0	1,348	69.0	1,303
KPLR-TV D26 DT APP	181.9	1,830		69.1	398	53.0	252

Interference to BLANK0000071588 APP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	63.0 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	287.3

	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	73.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	86.7
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	172.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7184.0	315,766	7111.8	314,959	6205.2	298,734	6072.7	296,399	2.14	0.78

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	167.6	3,304			132.5	2,335
K26KU-D D26 LD CP	741.5	14,412	522.9	11,755	521.9	11,755
K26KV-D D26 LD CP	271.8	2,980	72.0	1,348	69.0	1,303
KPLR-TV D26 DT LIC	182.9	1,837	69.1	398	53.0	252

Interference to BNPDTL20090825BTX CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	97.5 km
	K25NR-D	D25	LD	CP	COLUMBIA, MO	BLANK0000001278	34.8
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	281.2
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	65.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	102.2
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	178.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6999.0	256,956	6917.2	256,747	5971.2	238,626	5971.2	238,626	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	4.0	0			0.0	0
K25NR-D D25 LD CP	33.0	910	15.0	261	15.0	261
K26KU-D D26 LD CP	885.1	15,499	751.9	14,918	751.9	14,918
K26KV-D D26 LD CP	91.6	951	8.0	16	8.0	16
KPLR-TV D26 DT APP	123.2	2,217	28.9	1,806	28.9	1,806

Interference to BNPDTL20090825BTX CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	97.5 km
	K25NR-D	D25	LD	CP	COLUMBIA, MO	BLANK0000001278	34.8
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	281.2

	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	65.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	102.2
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	178.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6999.0	256,956	6917.2	256,747	5971.2	238,626	5971.2	238,626	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	4.0	0			0.0	0
K25NR-D D25 LD CP	33.0	910	15.0	261	15.0	261
K26KU-D D26 LD CP	885.1	15,499	753.9	14,918	753.9	14,918
K26KV-D D26 LD CP	91.6	951	8.0	16	8.0	16
KPLR-TV D26 DT LIC	121.3	2,217	28.9	1,806	28.9	1,806

Interference to BLANK0000052633 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	133.8 km
	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	16.1
	K26GS-D	D26	LD	LIC	HARRISON, AR	BLDTL20100517AFK	122.5
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	194.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	156.5
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	297.2
	KOTV-DT	D26	DT	CP	TULSA, OK	BLANK0000028019	254.3
	KULG-LD	D27	LD	LIC	Springfield, MO	BLANK0000007881	43.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5865.7	410,265	5714.1	409,454	5472.0	405,827	5472.0	405,827	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	3.0	17			0.0	0
KYCW-LD D25 LD LIC	13.0	554	11.0	554	11.0	554
K26GS-D D26 LD LIC	218.1	2,886	204.0	2,658	204.0	2,658
K26KV-D D26 LD CP	7.1	233	2.0	27	2.0	27
KPLR-TV D26 DT APP	2.0	20	0.0	0	0.0	0
KOTV-DT D26 DT CP	17.1	222	9.1	155	8.1	155
KULG-LD D27 LD LIC	1.0	2	1.0	2	1.0	2

Interference to BLANK0000052633 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	133.8 km
	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	16.1
	K26GS-D	D26	LD	LIC	HARRISON, AR	BLDTL20100517AFK	122.5
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	194.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	156.5
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	297.2
	KOTV-DT	D26	DT	CP	TULSA, OK	BLANK0000028019	254.3
	KULG-LD	D27	LD	LIC	Springfield, MO	BLANK0000007881	43.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5865.7	410,265	5714.1	409,454	5472.0	405,827	5472.0	405,827	0.00	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	3.0	17		0.0	0
KYCW-LD D25 LD LIC	13.0	554	11.0	554	11.0	554
K26GS-D D26 LD LIC	218.1	2,886	204.0	2,658	204.0	2,658
K26KV-D D26 LD CP	7.1	233	2.0	27	2.0	27
KPLR-TV D26 DT LIC	2.0	20	0.0	0	0.0	0
KOTV-DT D26 DT CP	17.1	222	9.1	155	8.1	155
KULG-LD D27 LD LIC	1.0	2	1.0	2	1.0	2

Interference to BLANK0000052633 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	133.8 km
	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	16.1
	K26GS-D	D26	LD	LIC	HARRISON, AR	BLDTL20100517AFK	122.5
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	194.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	156.5
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	297.2
	KOTV-DT	D26	DT	CP	TULSA, OK	BLANK0000028019	254.3
	KULG-LD	D27	LD	CP	Springfield, MO	BLANK0000036446	47.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5865.7	410,265	5714.1	409,454	5472.0	405,829	5472.0	405,829	0.00	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	3.0	17		0.0	0
KYCW-LD D25 LD LIC	13.0	554	11.0	554	11.0	554
K26GS-D D26 LD LIC	218.1	2,886	204.0	2,658	204.0	2,658

K26KV-D D26 LD CP	7.1	233	2.0	27	2.0	27
KPLR-TV D26 DT APP	2.0	20	0.0	0	0.0	0
KOTV-DT D26 DT CP	17.1	222	9.1	155	8.1	155
KULG-LD D27 LD CP	1.0	0	1.0	0	1.0	0

Interference to BLANK0000052633 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	133.8 km
	KYCW-LD	D25	LD	LIC	BRANSON, MO	BLANK0000022105	16.1
	K26GS-D	D26	LD	LIC	HARRISON, AR	BLDTL20100517AFK	122.5
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	194.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	156.5
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	297.2
	KOTV-DT	D26	DT	CP	TULSA, OK	BLANK0000028019	254.3
	KULG-LD	D27	LD	CP	Springfield, MO	BLANK0000036446	47.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5865.7	410,265	5714.1	409,454	5472.0	405,829	5472.0	405,829	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	3.0	17		0.0		0	
KYCW-LD D25 LD LIC	13.0	554	11.0	554	11.0	554	
K26GS-D D26 LD LIC	218.1	2,886	204.0	2,658	204.0	2,658	
K26KV-D D26 LD CP	7.1	233	2.0	27	2.0	27	
KPLR-TV D26 DT LIC	2.0	20	0.0	0	0.0	0	
KOTV-DT D26 DT CP	17.1	222	9.1	155	8.1	155	
KULG-LD D27 LD CP	1.0	0	1.0	0	1.0	0	

Interference to BNPDTL20090825BXR CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	109.8 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	346.3
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	73.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	60.6
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	241.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	

7132.6	65,954	7127.7	65,936	5421.6	49,736	5421.6	49,736	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	1.0	2			0.0	0
K26KH-D D26 LD APP	696.7	7,705	594.1	7,455	594.1	7,455
K26KV-D D26 LD CP	1107.0	8,745	1008.3	8,495	1008.3	8,495
KPLR-TV D26 DT APP	8.9	3	0.0	0	0.0	0

Interference to BNPDTL20090825BXR CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	109.8 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	346.3
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	73.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	60.6
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	241.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7132.6	65,954	7127.7	65,936	5420.6	49,736	5420.6	49,736	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	1.0	2			0.0	0
K26KH-D D26 LD APP	696.7	7,705	594.1	7,455	594.1	7,455
K26KV-D D26 LD CP	1107.0	8,745	1008.3	8,495	1008.3	8,495
KPLR-TV D26 DT LIC	9.9	3	1.0	0	1.0	0

Interference to BNPDTL20090825BXR CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	109.8 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	346.3
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	65.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	60.6
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	241.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7132.6	65,954	7127.7	65,936	5255.9	49,071	5255.9	49,071	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	

K26KT-D D26 LD CP	1.0	2			0.0	0
K26KH-D D26 LD CP	864.4	8,564	759.9	8,120	759.9	8,120
K26KV-D D26 LD CP	1107.0	8,745	1006.4	8,300	1006.4	8,300
KPLR-TV D26 DT APP	8.9	3	0.0	0	0.0	0

Interference to BNPDTL20090825BXR CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	109.8 km
	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	346.3
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	65.3
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	60.6
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	241.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7132.6	65,954	7127.7	65,936	5255.9	49,071	5255.9	49,071	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	1.0	2				0.0	0
K26KH-D D26 LD CP	864.4	8,564		758.9	8,120	758.9	8,120
K26KV-D D26 LD CP	1107.0	8,745		1006.4	8,300	1006.4	8,300
KPLR-TV D26 DT LIC	9.9	3		0.0	0	0.0	0

Interference to BNPDTL20090825BWL CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	81.4 km
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	86.7
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	60.6
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	255.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6862.8	122,595	6762.6	121,549	5494.2	109,421	5422.9	107,404	1.30	1.84

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	108.5	2,354				71.3	2,017
K26KH-D D26 LD APP	340.0	5,043		137.1	2,215	126.1	2,135
K26KU-D D26 LD CP	1126.3	9,873		924.5	7,085	916.4	7,059
KPLR-TV D26 DT APP	17.0	203		2.0	0	0.0	0

Interference to BNPDTL20090825BWL CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	81.4 km
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	86.7
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	60.6
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	255.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6862.8	122,595	6762.6	121,549	5494.2	109,421	5422.9	107,404	1.30	1.84

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	108.5	2,354			71.3	2,017
K26KH-D D26 LD APP	340.0	5,043	137.1	2,215	126.1	2,135
K26KU-D D26 LD CP	1126.3	9,873	924.5	7,085	916.4	7,059
KPLR-TV D26 DT LIC	17.0	203	2.0	0	0.0	0

Interference to BNPDTL20090825BWL CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	81.4 km
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	102.2
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	60.6
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	255.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6862.8	122,595	6762.6	121,549	5590.3	111,331	5510.0	109,234	1.44	1.88

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	108.5	2,354			80.4	2,097
K26KH-D D26 LD CP	230.7	3,516	41.0	305	39.0	305
K26KU-D D26 LD CP	1126.3	9,873	933.6	6,662	923.5	6,509
KPLR-TV D26 DT APP	17.0	203	4.0	40	1.0	32

Interference to BNPDTL20090825BWL CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance

Desired:	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	81.4 km
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	102.2
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	60.6
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	255.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6862.8	122,595	6762.6	121,549	5590.3	111,331	5510.0	109,234	1.44	1.88

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	108.5	2,354			80.4	2,097
K26KH-D D26 LD CP	230.7	3,516	41.0	305	39.0	305
K26KU-D D26 LD CP	1126.3	9,873	933.6	6,662	923.5	6,509
KPLR-TV D26 DT LIC	17.0	203	4.0	40	1.0	32

Interference to BLANK0000050068 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	CP	PEORIA, IL	BLANK0000027808	238.7
	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29261.2	2,963,867	28913.4	2,961,468	28628.7	2,957,120	28618.6	2,956,876	0.04	0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	288			10.1	244
WMBD-TV D26 DT CP	226.1	1,311	222.1	1,297	220.1	1,253
WFIE D26 DT CP	61.6	3,051	54.6	3,037	54.6	3,037
WBUY-TV D26 DT LIC	4.0	0	1.0	0	1.0	0

Interference to BLANK0000050068 APP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7

	WMBD-TV	D26	DT	BL	PEORIA, IL	DTVBL42121	238.7
	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29261.2	2,963,867	28913.4	2,961,468	28646.5	2,957,263	28636.5	2,957,019	0.04	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	288				10.1	244
WMBD-TV D26 DT BL	208.2	1,168		204.2	1,154	202.2	1,110
WFIE D26 DT CP	61.6	3,051		54.6	3,037	54.6	3,037
WBUY-TV D26 DT LIC	4.0	0		1.0	0	1.0	0

Interference to BLANK0000050068 APP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	CP	PEORIA, IL	BLANK0000027808	238.7
	WFIE	D26	DT	BL	EVANSVILLE, IN	DTVBL13991	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29261.2	2,963,867	28913.4	2,961,468	28637.8	2,957,527	28627.7	2,957,283	0.04	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	288				10.1	244
WMBD-TV D26 DT CP	226.1	1,311		222.1	1,297	220.1	1,253
WFIE D26 DT BL	50.5	2,644		45.5	2,630	45.5	2,630
WBUY-TV D26 DT LIC	4.0	0		3.0	0	3.0	0

Interference to BLANK0000050068 APP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	BL	PEORIA, IL	DTVBL42121	238.7
	WFIE	D26	DT	BL	EVANSVILLE, IN	DTVBL13991	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29261.2	2,963,867	28913.4	2,961,468	28655.6	2,957,670	28645.6	2,957,426	0.04	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	288				10.1	244
WMBD-TV D26 DT BL	208.2	1,168		204.2	1,154	202.2	1,110
WFIE D26 DT BL	50.5	2,644		45.5	2,630	45.5	2,630
WBUY-TV D26 DT LIC	4.0	0		3.0	0	3.0	0

Interference to BLCDT20030812ABY LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	CP	PEORIA, IL	BLANK0000027808	238.7
	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29741.7	2,968,195	29388.8	2,965,878	29078.4	2,960,737	29068.3	2,960,499	0.03	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	282				10.1	238
WMBD-TV D26 DT CP	255.8	1,762		249.8	1,713	247.8	1,669
WFIE D26 DT CP	58.5	3,428		49.5	3,254	49.5	3,254
WBUY-TV D26 DT LIC	5.1	125		2.0	0	2.0	0

Interference to BLCDT20030812ABY LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	BL	PEORIA, IL	DTVBL42121	238.7
	WFIE	D26	DT	CP	EVANSVILLE, IN	BLANK0000034157	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29741.7	2,968,195	29388.8	2,965,878	29104.2	2,961,270	29094.1	2,961,032	0.03	0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	282			10.1	238
WMBD-TV D26 DT BL	229.1	1,212	224.1	1,180	222.0	1,136
WFIE D26 DT CP	58.5	3,428	50.5	3,271	50.5	3,271
WBUY-TV D26 DT LIC	5.1	125	2.0	0	2.0	0

Interference to BLCDT20030812ABY LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	CP	PEORIA, IL	BLANK0000027808	238.7
	WFIE	D26	DT	BL	EVANSVILLE, IN	DTVBL13991	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29741.7	2,968,195	29388.8	2,965,878	29085.4	2,961,175	29075.4	2,960,937	0.03	0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	282			10.1	238
WMBD-TV D26 DT CP	255.8	1,762	250.8	1,730	248.8	1,686
WFIE D26 DT BL	49.5	2,973	42.4	2,816	42.4	2,816
WBUY-TV D26 DT LIC	5.1	125	3.0	0	3.0	0

Interference to BLCDT20030812ABY LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	189.8 km
	WDKA	D25	DT	CP	PADUCAH, KY	BLANK0000034371	178.7
	WMBD-TV	D26	DT	BL	PEORIA, IL	DTVBL42121	238.7
	WFIE	D26	DT	BL	EVANSVILLE, IN	DTVBL13991	256.7
	WBUY-TV	D26	DT	LIC	HOLLY SPRINGS, MS	BLANK0000063641	369.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29741.7	2,968,195	29388.8	2,965,878	29112.2	2,961,725	29102.1	2,961,487	0.03	0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	12.1	282			10.1	238

WMBD-TV D26 DT BL	229.1	1,212	224.1	1,180	222.0	1,136
WFIE D26 DT BL	49.5	2,973	42.4	2,816	42.4	2,816
WBUY-TV D26 DT LIC	5.1	125	3.0	0	3.0	0

Interference to BNPDTL20090825BJV CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	
Undesireds:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	66.7 km
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	102.1
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	144.2
	KULG-LD	D27	LD	LIC	Springfield, MO	BLANK0000007881	193.9
	KBGU-LP	D27	LD	CP	ST. LOUIS, MO	BLANK0000051595	144.2
	KLMC-LP	N28+	TX	LIC	JEFFERSON CITY, MO	BLTTL20050613AFP	78.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6874.9	133,774	6647.9	132,750	6645.9	132,733	6643.9	132,728	0.03	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
K26KT-D D26 LD CP	2.0	5		2.0	5
KBGU-LP D27 LD CP	2.0	17	2.0	17	2.0	17

Interference to proposal scenario 1
**MX: 9.15% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	
Undesireds:	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	317.7 km
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	63.0
	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	189.8
	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	66.7

Service area		Terrain-limited		IX-free		Percent IX	
3587.1	70,578	3512.6	69,134	3051.1	62,811	13.14	9.15

Undesired	Total IX		Unique IX		Prcnt Unique IX	
K26KH-D D26 LD APP	382.0	4,228	320.7	3,031	9.13	4.38
KCNH-LD D26 LD CP	3.0	33	0.0	0	0.00	0.00

K26KU-D D26 LD CP	7.0	31	0.0	0	0.00	0.00
K26KV-D D26 LD CP	71.4	1,061	26.2	116	0.75	0.17
KPLR-TV D26 DT APP	92.6	2,621	37.3	1,630	1.06	2.36
K27OS-D D27 LD CP	8.0	82	1.0	24	0.03	0.03

Interference to proposal scenario 2
**MX: 9.15% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	
Undesireds:	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	317.7 km
	K26KH-D	D26	LD	APP	COLUMBIA, MO	BLANK0000071588	63.0
	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	189.8
	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	66.7

Service area		Terrain-limited		IX-free		Percent IX	
3587.1	70,578	3512.6	69,134	3051.1	62,811	13.14	9.15

Undesired	Total IX		Unique IX		Prcnt Unique IX	
K26KH-D D26 LD APP	382.0	4,228	319.7	3,020	9.10	4.37
KCNH-LD D26 LD CP	3.0	33	0.0	0	0.00	0.00
K26KU-D D26 LD CP	7.0	31	0.0	0	0.00	0.00
K26KV-D D26 LD CP	71.4	1,061	26.2	116	0.75	0.17
KPLR-TV D26 DT LIC	93.6	2,632	37.3	1,630	1.06	2.36
K27OS-D D27 LD CP	8.0	82	1.0	24	0.03	0.03

Interference to proposal scenario 3
**MX: 5.18% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	
Undesireds:	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	317.7 km
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	97.5
	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
	KPLR-TV	D26	DT	APP	ST. LOUIS, MO	BLANK0000050068	189.8
	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	66.7

Service area		Terrain-limited		IX-free		Percent IX	
3587.1	70,578	3512.6	69,134	3339.6	65,555	4.93	5.18

Undesired		Total IX		Unique IX		Prcnt Unique IX	
K26KH-D D26 LD CP	60.3	1,146	32.2	287	0.92	0.42	
KCNH-LD D26 LD CP	3.0	33	1.0	0	0.03	0.00	
K26KU-D D26 LD CP	7.0	31	0.0	0	0.00	0.00	
K26KV-D D26 LD CP	71.4	1,061	36.2	233	1.03	0.34	
KPLR-TV D26 DT APP	92.6	2,621	53.4	1,875	1.52	2.71	
K27OS-D D27 LD CP	8.0	82	2.0	24	0.06	0.03	

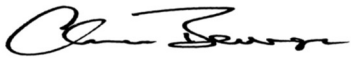
Interference to proposal scenario 4
5.19% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26KT-D	D26	LD	CP	ELDON, MO	BNPDTL20090825BVM	
Undesireds:	W26DZ-D	D26	LD	LIC	CHAMPAIGN, IL	BLANK0000014105	317.7 km
	K26KH-D	D26	LD	CP	COLUMBIA, MO	BNPDTL20090825BTX	97.5
	KCNH-LD	D26	LD	CP	JOPLIN, MO	BLANK0000052633	133.8
	K26KU-D	D26	LD	CP	MARSHALL, MO	BNPDTL20090825BXR	109.8
	K26KV-D	D26	LD	CP	SEDALIA, MO	BNPDTL20090825BWL	81.4
	KPLR-TV	D26	DT	LIC	ST. LOUIS, MO	BLCDT20030812ABY	189.8
	K27OS-D	D27	LD	CP	ROLLA, MO	BNPDTL20090825BJV	66.7

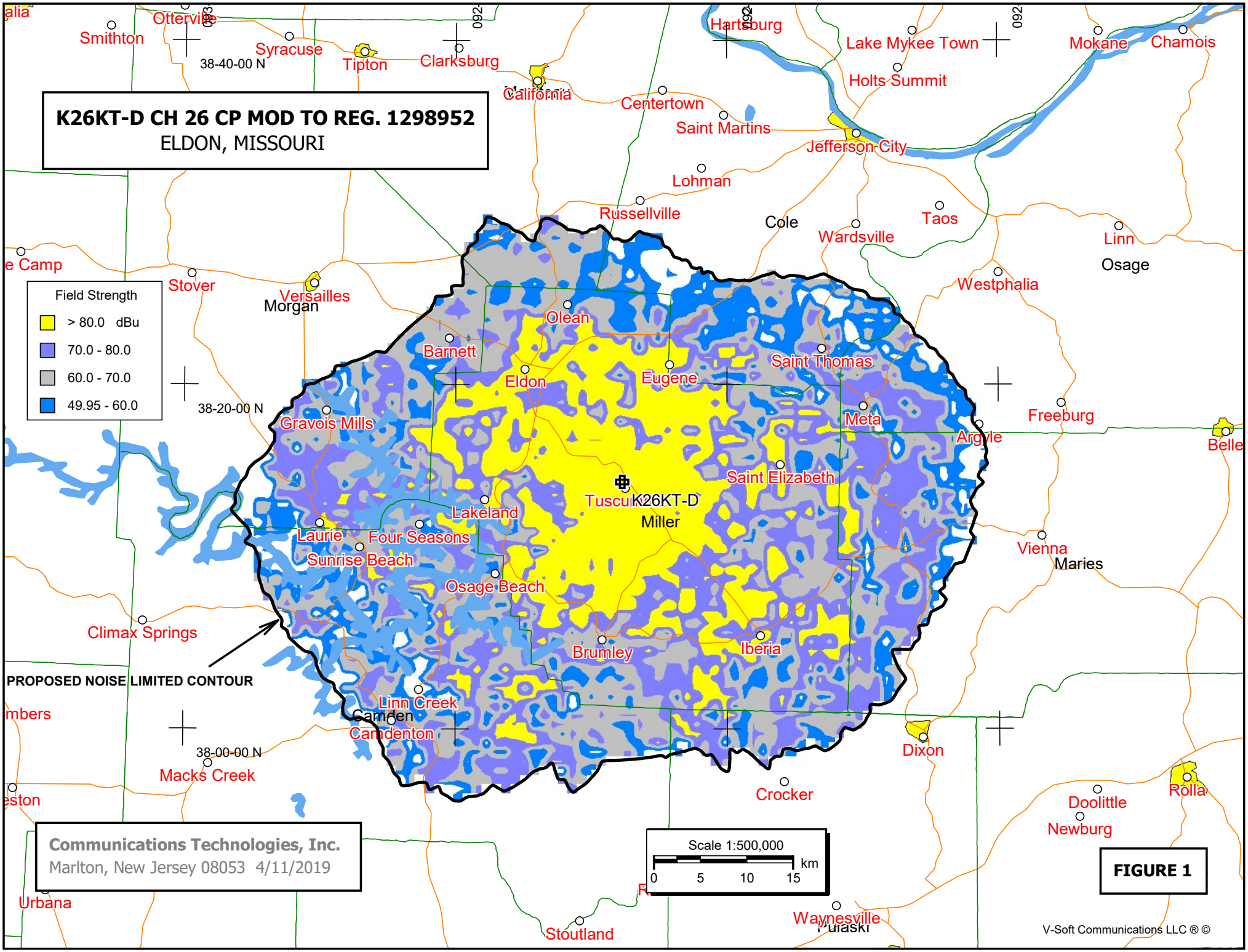
Service area		Terrain-limited		IX-free		Percent IX	
3587.1	70,578	3512.6	69,134	3338.6	65,544	4.96	5.19

Undesired		Total IX		Unique IX		Prcnt Unique IX	
K26KH-D D26 LD CP	60.3	1,146	32.2	287	0.92	0.42	
KCNH-LD D26 LD CP	3.0	33	1.0	0	0.03	0.00	
K26KU-D D26 LD CP	7.0	31	0.0	0	0.00	0.00	
K26KV-D D26 LD CP	71.4	1,061	36.2	233	1.03	0.34	
KPLR-TV D26 DT LIC	93.6	2,632	54.4	1,886	1.55	2.73	
K27OS-D D27 LD CP	8.0	82	2.0	24	0.06	0.03	

The foregoing was prepared on behalf of SagamoreHill of Columbia, LLC by Clarence M. Beverage of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements she believes them to be true and correct.



Clarence M. Beverage
for Communications Technologies, Inc.
Marlton, New Jersey
April 16, 2019


K26KT-D CH 26 CP MOD TO REG. 1298952
ELDON, MISSOURI
Field Strength
> 80.0 dBu
70.0 - 80.0
60.0 - 70.0
49.95 - 60.0
PROPOSED NOISE LIMITED CONTOUR
K26KT-D
Communications Technologies, Inc.
Marlton, New Jersey 08053 4/11/2019
Scale 1:500,000
0 5 10 15 km
FIGURE 1
V-Soft Communications LLC ® ©
38-40-00 N
38-20-00 N
38-00-00 N
Smithton
Otterville
Syracuse
Tipton
Clarksburg
California
Hartsburg
Lake Mykee Town
Holts Summit
Mokane
Chamois
Centertown
Saint Martins
Jefferson City
Lohman
Russellville
Cole
Wardsville
Taos
Linn
Osage
Westphalia
Stover
Versailles
Morgan
Olean
Barnett
Eldon
Eugene
Saint Thomas
Meta
Freeburg
Argyle
Belle
Gravois Mills
Saint Elizabeth
Tuscumbia
Miller
Lakeland
Laurie
Four Seasons
Sunrise Beach
Osage Beach
Vienna
Maries
Climax Springs
Brumley
Iberia
Linn Creek
Camden
Camdenton
Macks Creek
Dixon
Crocker
Doolittle
Newburg
Rolla
Waynesville
Stoutland
Urbana