



## ENGINEERING STATEMENT

In support of a request for

Digital Displacement Application

For

KLPN-LD Longview, TX

CH47 / 10 kW ERP

### PURPOSE

MARSAND, INC. has been retained by Warwick Communications, Inc., permittee of KLPN-LP, CH58+ of Longview, TX, to prepare this engineering statement in support of a digital displacement application. It is proposed herein to establish digital low power television service on CH47 at the present height and location of the analog low power television. Upon establishing the digital service, the present analog service on CH58+ would cease, and KLPN would in effect "flash cut" to digital.

### DISCUSSION

In order to maintain service to the principle community of Longview, TX, and to help clear the spectrum above CH50, studies were run to move KLPN from the out of core analog CH58+ to the in core digital CH47. An application was filed and granted (BDISDTL-20070322ABF) to move to CH47 at 0.7 kW ERP.

It is proposed herein to increase power to 10kW. The calculated F(50,90) 51 dBu service grade contour would encompass the principal community, Longview, TX, entirely as shown in **Figure 1**. Also shown in **Figure 1** is the FCC(50,50) 74 dBu service grade contour of the existing analog service. The proposed digital contour overlaps the analog contour completely so there is no loss of service to the community.

A spacing and interference study was run using the tv\_process\_2010 software developed for the Federal Communications Commission. The study was run using default

parameters and specified a simple transmission mask. The results (see **Appendix**) show no predicted interference above 0.2% to other full power analog or digital stations or analog low power television stations.

**RF Radiation Exposure Statement**

The requirements of Section 73.1307(b) of the FCC Rules regarding human exposure to radio frequency (RF) energy are met under this instant application for the post-transition digital television facility proposed herein.

The proposed KLPN facility utilizes the existing analog side mount antenna located on an existing, multi-use tower structure (ASR 1047144) located near Longview, TX. The site is restricted access. The station agrees to maintain full compliance with the safety precautions to workers on the tower (controlled) and the general public (uncontrolled) by reducing or removing radiated power during the time of construction or maintenance on or near the antenna. The station also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from Radiofrequency Electromagnetic exposure in excess of FCC guidelines.

**Table 1** shows the calculations of RF level 2m above ground level for the General Public / Uncontrolled (GP/U) would not exceed 5% of the Maximum Permissible Exposure (MPE) limit. The calculations are shown in the Appendix. The proposed facility is therefore a negligible contributor to the RF environment at all ground level locations and is excluded from the routine environmental evaluation pursuant to Section 1.1307(b) of the FCC Rules.

Call Letters	Channel / Frequency	Distance from RCAGL to 2 m AGL	Worst Case Downward Radiation (Relative Field)	Calculated Power Density (uW/cm <sup>2</sup> )	GP/U MPE (uW/cm <sup>2</sup> )	Percentage of GP/U MPE
KLPN	CH47 668 – 674 MHz	223.5	0.28	0.52	447	0.12 %

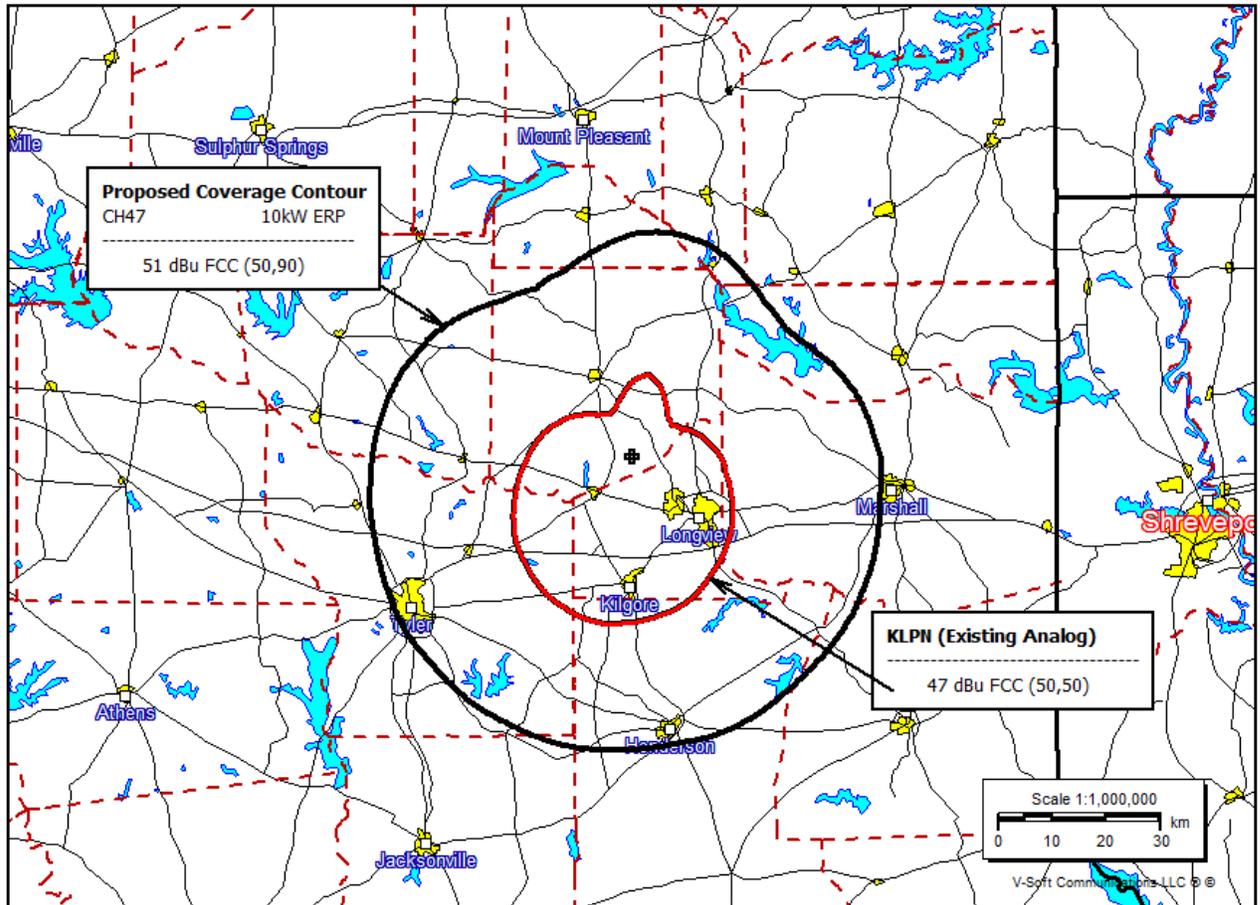
**Table 1**

**CONCLUSION**

It is respectfully requested that the Commission grant this digital “flash cut” application for the proposed transmission facility.

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**Figure 1**



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

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## DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by Warwick Communications, Inc., to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by Warwick Communications, and as to those facts, he believes them to be true.

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I declare under penalty of perjury that the foregoing is true and correct.

\_\_\_\_\_

Matthew A. Sanderford, Jr., P.E.

President - MARSAND, INC.

Executed this 5<sup>th</sup> day of October, 2010

State of Texas

**Appendix**

Standard Interference Analysis – Complete CDBS Database

Percent allowed new interference: 0.500  
Percent allowed new interference to non Class A LPTV: 2.000  
TW Census data selected 2000  
Data Base Selected  
/space/software/cdb/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-05-2010 Time: 15:52:37

Record Selected for Analysis

KLPN-LD USERRECORD-01 LONGVIEW TX US  
Channel 47 ERP 10. kW HAAT 312. m RCAMSL 00421 m FULL SERVICE MASK  
Latitude 032-36-04 Longitude 0094-52-15  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make MFG Model MODEL 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

Not full service station  
Service Class = LD  
Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	10.000	318.8	54.3	
45.0	10.000	327.0	54.7	
90.0	10.000	307.4	53.6	
135.0	10.000	307.3	53.6	
180.0	10.000	313.2	54.0	
225.0	10.000	322.2	54.4	
270.0	10.000	304.7	53.5	
315.0	10.000	293.7	52.9	

Contour Overlap to Proposed Station

Station  
KTPN-LP 48 TYLER TX BLTTL19931020JL

Station inside contour of Digital LPTV station  
KLPN-LD 47 LONGVIEW TX USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

- Proposed facility OK to FCC Monitoring Stations
- Proposed facility OK toward West Virginia quiet zone
- Proposed facility OK toward Table Mountain
- 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
47	KLPN-LD	LONGVIEW TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KADO-LP	SHREVEPORT LA	104.3	LIC	BLTTA	-20050124AJP
46	KTAQ	GREENVILLE TX	195.7	LIC	BLCDT	-20040414ACS
46	K46KW-D	TYLER TX	45.9	CP	BNPDTL	-20091218AFE
47	KEJC-LP	SHERIDAN AR	302.1	LIC	BLTTL	-20031024ABA
47	NEW	SPRINGDALE AR	406.8	APP	BNPDTL	-20100210ABJ
47	NEW	TEXARKANA AR	133.9	APP	BNPDTL	-20100112ADU
47	K47DW	ALEXANDRIA LA	273.0	LIC	BLTT	-19910610JD
47	K47DW	ALEXANDRIA LA	273.0	CP	BDFCDTT	-20090630ADR
47	NEW	LAFAYETTE LA	338.1	APP	BNPDTL	-20100108AAZ
47	NEW	MONROE LA	243.2	APP	BNPDTL	-20100720AKA
47	K47HO-D	SHREVEPORT LA	104.3	LIC	BLDTL	-20100805AAL
47	K47HO-D	SHREVEPORT LA	104.3	APP	BDISDTL	-20100511ABD
47	K47KI-D	DUNCAN OK	330.9	LIC	BLDTT	-20091228AEH
47	K47KI-D	DUNCAN OK	330.9	APP	BMPDTT	-20100202ACD
47	KXDA-LP	DURANT OK	250.4	APP	BDISDTL	-20090605ACG
47	NEW	MULDROW OK	314.8	APP	BNPDTL	-20100505AJY
47	KWHB	TULSA OK	387.2	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	387.2	LIC	BLCDT	-20090217ACO
47	KTDJ-LP	BEAUMONT TX	269.7	LIC	BLTTL	-20060911AAQ
47	NEW	CISCO TX	389.8	APP	BNPDTL	-20100304AAV
47	K47ED	COLLEGE STATION TX	258.0	LIC	BLTT	-19930505IG
47	KUVN-CA	FORT WORTH TX	231.1	CP	BDISDTA	-20080804AFA
47	KUVN-CA	FORT WORTH TX	231.1	LIC	BLTTA	-20030929ASK
47	KNWS-TV	KATY TX	343.2	LIC	BLCDT	-20100126ACZ
47	NEW	LUFKIN TX	133.0	APP	BNPDTL	-20090825ATN
47	NEW	MINERAL WELLS TX	303.2	APP	BNPDTL	-20100827ABL
47	NEW	PORT ARTHUR TX	312.2	APP	BNPDTL	-20100525AEV
47	KTXU-LP	WEST LAKE HILLS TX	375.7	LIC	BLTTL	-20050124ADH
48	KSTR-DT	IRVING TX	195.7	CP	BPCDT	-20080618AEK
48	KSTR-DT	IRVING TX	195.7	LIC	BLCDT	-20020909AAM
48	KLNK-LP	LUFKIN TX	133.0	CP	BDFCDTL	-20090824ABC
48	KLNK-LP	LUFKIN TX	133.0	LIC	BLTTL	-20080211ABS
48	KTPN-LP	TYLER TX	45.9	CP	BDFCDTL	-20090630AFA
48	KTPN-LP	TYLER TX	45.9	LIC	BLTTL	-19931020JL
49	KPTD-LP	PARIS TX	129.6	CP	BPTTL	-20070910ADQ
49	KPTD-LP	PARIS TX	129.7	LIC	BLTTL	-20070622ACU

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49	KPTD-LP	PARIS TX	129.6	APP	BSTA	-20070910ADP
50	KBXS-CA	SHREVEPORT LA	105.5	LIC	BLTTA	-20030718ADM

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	KADO-LP	SHREVEPORT LA	BLTTA	-20050124AJP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	NEW	SHREVEPORT LA	0.1	APP	BDCCDTL	-20061030ALG
40	WDBD	JACKSON MS	319.1	LIC	BLCDDT	-20090612ADU
40	KXTX-TV	DALLAS TX	300.3	LIC	BLCDDT	-20021106ABR
40	KBTX-TV	PORT ARTHUR TX	260.7	CP MOD	BMPCDDT	-20081211ACJ
44	KSHV-TV	SHREVEPORT LA	24.8	LIC	BLCDDT	-20060215ACP
47	KLPN-LD	LONGVIEW TX	104.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KTAQ	GREENVILLE TX	BLCDDT	-20040414ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KDTX-TV	DALLAS TX	0.0	LIC	BLCDDT	-20041105AON
46	KOCM	NORMAN OK	343.0	LIC	BLCDDT	-20090522AFN
46	KNCT	BELTON TX	184.4	CP MOD	BMPEDT	-20080618AUE
47	KLPN-LD	LONGVIEW TX	195.7	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.
46	K46KW-D	TYLER TX	BNPDDL	-20091218AFE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46AI-D	DURANT OK	208.7	LIC	BLDDT	-20091223AMS
46	KNCT	BELTON TX	270.6	CP MOD	BMPEDT	-20080618AUE
46	KTAQ	GREENVILLE TX	159.4	LIC	BLCDDT	-20040414ACS
47	KLPN-LP	LONGVIEW TX	45.9	CP	BDISDDL	-20070322ABF
47	KLPN-LD	LONGVIEW TX	45.9	APP	USERRECORD-01	

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Total scenarios = 1

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 46A TX TYLER BNPDTL 20091218AFE CP
HAAT 136.0 m, ATV ERP 10.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 258395 5167.4
not affected by terrain losses 258395 5167.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 9367 232.0
lost to ATV IX only 9367 232.0
lost to all IX 9367 232.0

Potential Interfering Stations Included in above Scenario 1

46A TX GREENVILLE BLCDT 20040414ACS LIC

After Analysis

Results for: 46A TX TYLER BNPDTL 20091218AFE CP
HAAT 136.0 m, ATV ERP 10.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 258395 5167.4
not affected by terrain losses 258395 5167.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 9395 236.9
lost to ATV IX only 9395 236.9
lost to all IX 9395 236.9

Potential Interfering Stations Included in above Scenario 1

46A TX GREENVILLE BLCDT 20040414ACS LIC
47A TX LONGVIEW USERRECORD01 APP

Percent new IX = 0.0112%

Worst case new IX 0.0112% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel Call City/State Application Ref. No.
47 KEJC-LP SHERIDAN AR BLTTL -20031024ABA

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.
39 KASN PINE BLUFF AR 31.0 LIC BLCDT -20020904AAF
44 KARZ-TV LITTLE ROCK AR 32.7 LIC BLCDT -20090615ACH
47 KWHB TULSA OK 330.0 CP MOD BMPCDT -20080619ABI
47 KWHB TULSA OK 330.0 LIC BLCDT -20090217ACO
47 WLJT-DT LEXINGTON TN 382.4 LIC BLEDT -20080219BJY
48 K27FF LITTLE ROCK AR 32.7 APP BPTTL -20020814ABF
49 KKYK-DT CAMDEN AR 138.2 CP BPCDT -20050224ABE
47 KLPN-LD LONGVIEW TX 302.1 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	SPRINGDALE AR	BNPDTL	-20100210ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KSNF	JOPLIN MO	104.8	CP MOD	BMPCDT	-20070125ACP
47	K54FH	GREEN FOREST AR	60.5	CP	BDISDTL	-20060331AYO
47	KEJC-LP	SHERIDAN AR	235.6	LIC	BLTTL	-20031024ABA
47	NEW	JOPLIN MO	108.5	APP	BNPDTL	-20100506ADC
47	KSMO-TV	KANSAS CITY MO	322.3	CP MOD	BMPCDT	-20010706AAE
47	K47LH	SPRINGFIELD MO	135.1	LIC	BLTT	-20070806AEZ
47	NEW	MULDROW OK	97.7	APP	BNPDTL	-20100505AJY
47	KWHB	TULSA OK	142.8	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	142.8	LIC	BLCDT	-20090217ACO
48	K45EI	BENTONVILLE & ROGERS AR	27.8	APP	BDISTTA	-20100527AFR
48	K45EI	BENTONVILLE & ROGERS AR	27.8	CP	BDISTTL	-20090622AFA
48	K45EI	BENTONVILLE & ROGERS AR	27.8	APP	BSTA	-20090619ADL
48	NEW	FORT SMITH AR	78.8	APP	BNPDTL	-20100902ABI
48	K61GJ	AURORA MO	82.8	CP	BDISDTL	-20060331AXX
47	KLPN-LD	LONGVIEW TX	406.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	TEXARKANA AR	BNPDTL	-20100112ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KEJC-LP	SHERIDAN AR	171.6	LIC	BLTTL	-20031024ABA
47	K47HO-D	SHREVEPORT LA	124.0	LIC	BLDTL	-20100805AAL
47	K47HO-D	SHREVEPORT LA	124.0	APP	BDISDTL	-20100511ABD
47	KWHB	TULSA OK	309.1	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	309.1	LIC	BLCDT	-20090217ACO
47	KLPN-LP	LONGVIEW TX	133.9	CP	BDISDTL	-20070322ABF
47	KLPN-LD	LONGVIEW TX	133.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47DW	ALEXANDRIA LA	BLTT	-19910610JD

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	LAFAYETTE LA	104.4	APP	BNPDTL	-20100108AAZ
47	KNWS-TV	KATY TX	350.0	LIC	BLCDDT	-20100126ACZ
49	WNTZ-TV	NATCHEZ MS	83.8	LIC	BLCDDT	-20060630AAV
50	KLWB	NEW IBERIA LA	112.5	LIC	BLCDDT	-20090618AAQ
47	KLPN-LD	LONGVIEW TX	273.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47DW	ALEXANDRIA LA	BDFCDTT	-20090630ADR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	LAFAYETTE LA	104.4	APP	BNPDTL	-20100108AAZ
47	NEW	MONROE LA	144.5	APP	BNPDTL	-20100720AKA
47	K47HO-D	SHREVEPORT LA	184.9	LIC	BLDTL	-20100805AAL
47	K47HO-D	SHREVEPORT LA	184.9	APP	BDISDTL	-20100511ABD
47	KNWS-TV	KATY TX	350.0	LIC	BLCDDT	-20100126ACZ
47	KLPN-LD	LONGVIEW TX	273.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	LAFAYETTE LA	BNPDTL	-20100108AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KLAF-LP	LAFAYETTE LA	42.0	APP	BMPDTL	-20100927AFY
46	KLAF-LP	LAFAYETTE LA	42.0	LIC	BLTT	-19970515JC
46	KLAF-LP	LAFAYETTE LA	42.0	CP	BDFCDTL	-20090505AAX
47	K47DW	ALEXANDRIA LA	104.4	LIC	BLTT	-19910610JD
47	K47DW	ALEXANDRIA LA	104.4	CP	BDFCDTT	-20090630ADR
47	K47JO	NEW ORLEANS LA	242.2	LIC	BLTT	-20060828AFG
47	KNWS-TV	KATY TX	302.2	LIC	BLCDDT	-20100126ACZ
47	NEW	PORT ARTHUR TX	144.9	APP	BNPDTL	-20100525AEV
48	NEW	LAFAYETTE LA	0.0	APP	BNPDTL	-20100108AAB
47	KLPN-LD	LONGVIEW TX	338.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

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Channel 47 Call NEW City/State MONROE LA Application Ref. No. BNPDTL -20100720AKA

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. Rows include stations like KEJC-LP, K47DW, K47HO-D, and KLPN-LD.

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel 47 Call K47HO-D City/State SHREVEPORT LA Application Ref. No. BLDLTL -20100805AAL

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. Rows include stations like KEJC-LP, NEW, K47DW, KNWS-TV, and KLPN-LD.

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 11
Before Analysis

Results for: 47A LA SHREVEPORT BLDLTL 20100805AAL LIC
HAAT 115.0 m, ATV ERP 15.0 kW

Table with columns: POPULATION, AREA (sq km). Rows show noise contour analysis: within Noise Limited Contour, not affected by terrain losses, lost to NTSC IX, lost to additional IX by ATV, lost to ATV IX only, lost to all IX.

Potential Interfering Stations Included in above Scenario 1

47A TX LONGVIEW BDISDTL 20070322ABF CP

After Analysis

Results for: 47A LA SHREVEPORT BLDLTL 20100805AAL LIC
HAAT 115.0 m, ATV ERP 15.0 kW

Table with columns: POPULATION, AREA (sq km). Row: within Noise Limited Contour 363831 5650.9

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not affected by terrain losses	363831	5650.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	996	87.0
lost to ATV IX only	996	87.0
lost to all IX	996	87.0

Potential Interfering Stations Included in above Scenario 1

47A TX LONGVIEW	BDISDTL	20070322ABF	CP
47A TX LONGVIEW	USERRECORD01		APP

Percent new IX = 0.2107%

Worst case new IX 0.2107% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47HO-D	SHREVEPORT LA	BDISDTL	-20100511ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KEJC-LP	SHERIDAN AR	250.7	LIC	BLTTL	-20031024ABA
47	NEW	TEXARKANA AR	124.0	APP	BNPDTL	-20100112ADU
47	K47DW	ALEXANDRIA LA	184.9	LIC	BLTT	-19910610JD
47	K47DW	ALEXANDRIA LA	184.9	CP	BDFCDTT	-20090630ADR
47	NEW	MONROE LA	139.9	APP	BNPDTL	-20100720AKA
47	KNWS-TV	KATY TX	365.7	LIC	BLCDT	-20100126ACZ
47	KLPN-LP	LONGVIEW TX	104.3	CP	BDISDTL	-20070322ABF
47	NEW	LUFKIN TX	153.1	APP	BNPDTL	-20090825ATN
47	KLPN-LD	LONGVIEW TX	104.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3  
Scenario 1 Affected station 12  
Before Analysis

Results for: 47A LA SHREVEPORT BDISDTL 20100511ABD APP

HAAT 115.0 m, ATV ERP 15.0 kW	
	POPULATION AREA (sq km)
within Noise Limited Contour	363831 5650.9
not affected by terrain losses	363831 5650.9
lost to NTSC IX	0 0.0
lost to additional IX by ATV	230 14.7
lost to ATV IX only	230 14.7
lost to all IX	230 14.7

Potential Interfering Stations Included in above Scenario 1

47A TX LONGVIEW	BDISDTL	20070322ABF	CP
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After Analysis

Results for: 47A LA SHREVEPORT BDISDTL 20100511ABD APP

HAAT 115.0 m, ATV ERP 15.0 kW	
	POPULATION AREA (sq km)

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within Noise Limited Contour	363831	5650.9
not affected by terrain losses	363831	5650.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	996	87.0
lost to ATV IX only	996	87.0
lost to all IX	996	87.0

Potential Interfering Stations Included in above Scenario 1

47A TX LONGVIEW BDISDTL 20070322ABF CP  
 47A TX LONGVIEW USERRECORD01 APP

Percent new IX = 0.2107%

Worst case new IX 0.2107% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47KI-D	DUNCAN OK	BLDTT	-20091228AEH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KOCM	NORMAN OK	130.6	LIC	BLCDDT	-20090522AFN
47	KXDA-LP	DURANT OK	103.6	APP	BDISDTL	-20090605ACG
47	KWHB	TULSA OK	253.8	CP MOD	BMPCDDT	-20080619ABI
47	KWHB	TULSA OK	253.8	LIC	BLCDDT	-20090217ACO
47	KUVN-CA	FORT WORTH TX	189.9	LIC	BLTTA	-20030929ASK
47	NEW	MINERAL WELLS TX	184.5	APP	BNPDDL	-20100827ABL
47	KLPN-LD	LONGVIEW TX	330.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47KI-D	DUNCAN OK	BMPDPTT	-20100202ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KOCM	NORMAN OK	130.6	LIC	BLCDDT	-20090522AFN
47	KXDA-LP	DURANT OK	103.6	APP	BDISDTL	-20090605ACG
47	KWHB	TULSA OK	253.8	CP MOD	BMPCDDT	-20080619ABI
47	KWHB	TULSA OK	253.8	LIC	BLCDDT	-20090217ACO
47	KUVN-CA	FORT WORTH TX	189.9	LIC	BLTTA	-20030929ASK
47	NEW	MINERAL WELLS TX	184.5	APP	BNPDDL	-20100827ABL
47	KLPN-LD	LONGVIEW TX	330.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KXDA-LP	DURANT OK	BDISDTL	-20090605ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46AI-D	DURANT OK	43.7	LIC	BLDTT	-20091223AMS
46	K46JM-D	MCALESTER OK	103.2	CP	BDCCDTT	-20061024ABB
47	K47KI-D	DUNCAN OK	103.6	LIC	BLDTT	-20091228AEH
47	K47KI-D	DUNCAN OK	103.6	APP	BMPDTT	-20100202ACD
47	KWHB	TULSA OK	201.4	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	201.4	LIC	BLCDDT	-20090217ACO
47	KUVN-CA	FORT WORTH TX	192.7	LIC	BLTTA	-20030929ASK
47	NEW	MINERAL WELLS TX	223.7	APP	BNPDTL	-20100827ABL
47	KLPN-LD	LONGVIEW TX	250.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	MULDROW OK	BNPDTL	-20100505AJY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KPBI-CA	FORT SMITH AR	21.4	LIC	BLTTL	-20020220AAQ
47	K54FH	GREEN FOREST AR	142.4	CP	BDISDTL	-20060331AYO
47	KEJC-LP	SHERIDAN AR	212.9	LIC	BLTTL	-20031024ABA
47	NEW	SPRINGDALE AR	97.7	APP	BNPDTL	-20100210ABJ
47	NEW	JOPLIN MO	181.3	APP	BNPDTL	-20100506ADC
47	KXDA-LP	DURANT OK	214.4	APP	BDISDTL	-20090605ACG
47	KWHB	TULSA OK	117.6	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	117.6	LIC	BLCDDT	-20090217ACO
48	NEW	FORT SMITH AR	33.8	APP	BNPDTL	-20100902ABI
48	K48FL	FORT SMITH AR	33.3	LIC	BLTTL	-20041021AEM
47	KLPN-LD	LONGVIEW TX	314.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KWHB	TULSA OK	BMPCDT	-20080619ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KSNF	JOPLIN MO	154.2	CP MOD	BMPCDT	-20070125ACP
46	KOCM	NORMAN OK	170.1	LIC	BLCDDT	-20090522AFN
47	KSMO-TV	KANSAS CITY MO	357.3	CP MOD	BMPCDT	-20010706AAE
47	KLPN-LD	LONGVIEW TX	387.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KWHB	TULSA OK	BLCDT	-20090217ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KSNF	JOPLIN MO	154.2	CP MOD	BMPCDT	-20070125ACP
46	KOCM	NORMAN OK	170.1	LIC	BLCDT	-20090522AFN
47	KSMO-TV	KANSAS CITY MO	357.3	CP MOD	BMPCDT	-20010706AAE
47	KLPN-LD	LONGVIEW TX	387.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KTDJ-LP	BEAUMONT TX	BLTTL	-20060911AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KBTV-TV	PORT ARTHUR TX	14.9	CP MOD	BMPCDT	-20081211ACJ
47	KNWS-TV	KATY TX	162.5	LIC	BLCDT	-20100126ACZ
47	NEW	PORT ARTHUR TX	42.5	APP	BNPDTL	-20100525AEV
48	NEW	BEAUMONT TX	18.0	APP	BNPDTL	-20100701ACS
47	KLPN-LD	LONGVIEW TX	269.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	CISCO TX	BNPDTL	-20100304AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KUVN-CA	FORT WORTH TX	163.8	LIC	BLTTA	-20030929ASK
47	NEW	MINERAL WELLS TX	99.7	APP	BNPDTL	-20100827ABL
47	NEW	SAN ANGELO TX	164.8		BNPTTL	-20000831AYD
47	KTXU-LP	WEST LAKE HILLS TX	253.4	LIC	BLTTL	-20050124ADH
48	NEW	CISCO TX	0.0	APP	BNPDTL	-20100304AAV
47	KLPN-LD	LONGVIEW TX	389.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	K47ED	COLLEGE STATION TX	BLTT	-19930505IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KEYE-TV	AUSTIN TX	144.0	LIC	BLCDDT	-20031001BGN
44	KZJL	HOUSTON TX	145.4	CP	BPCDDT	-20080612AAQ
44	KWKT-TV	WACO TX	118.9	CP MOD	BMPCDDT	-20090220ABU
45	KXLN-DT	ROSENBERG TX	145.4	CP MOD	BMPCDDT	-20080618ADX
46	KNCT	BELTON TX	127.9	CP MOD	BMPEDT	-20080618AUE
47	KNWS-TV	KATY TX	145.4	LIC	BLCDDT	-20100126ACZ
47	KTXU-LP	WEST LAKE HILLS TX	143.6	LIC	BLTTTL	-20050124ADH
48	NEW	COLLEGE STATION TX	4.6	APP	BNPDDL	-20100728ADP
49	KNVA	AUSTIN TX	143.5	LIC	BLCDDT	-20080808ACP
50	KBTX-TV	BRYAN TX	32.3	CP MOD	BMPCDDT	-20080611AAI
47	KLPN-LD	LONGVIEW TX	258.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KUVN-CA	FORT WORTH TX	BDISDTA	-20080804AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KTAQ	GREENVILLE TX	42.0	LIC	BLCDDT	-20040414ACS
47	K47KI-D	DUNCAN OK	189.9	LIC	BLDDT	-20091228AEH
47	K47KI-D	DUNCAN OK	189.9	APP	BMPDDT	-20100202ACD
47	KXDA-LP	DURANT OK	192.7	APP	BDISDTL	-20090605ACG
47	NEW	MINERAL WELLS TX	72.2	APP	BNPDDL	-20100827ABL
48	KSTR-DT	IRVING TX	42.0	CP	BPCDDT	-20080618AEK
48	KSTR-DT	IRVING TX	42.0	LIC	BLCDDT	-20020909AAM
47	KLPN-LD	LONGVIEW TX	231.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KUVN-CA	FORT WORTH TX	BLTTA	-20030929ASK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	KLDT	LAKE DALLAS TX	38.9	CP MOD	BMPCDDT	-20091116ACV
40	KXTX-TV	DALLAS TX	38.9	LIC	BLCDDT	-20021106ABR
43	KDTN	DENTON TX	42.0	LIC	BLEDT	-20040301AAH

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45	KDTX-TV	DALLAS TX	42.0	LIC	BLCDT	-20041105AON
46	KTAQ	GREENVILLE TX	42.0	LIC	BLCDT	-20040414ACS
47	NEW	MINERAL WELLS TX	72.2	APP	BNPDTL	-20100827ABL
48	KSTR-DT	IRVING TX	42.0	CP	BPCDT	-20080618AEK
48	KSTR-DT	IRVING TX	42.0	LIC	BLCDT	-20020909AAM
47	KLPN-LD	LONGVIEW TX	231.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KNWS-TV	KATY TX	BLCDT	-20100126ACZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	KTMD	GALVESTON TX	1.0	LIC	BLCDT	-20040325AEO
47	KLPN-LD	LONGVIEW TX	343.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	LUFKIN TX	BNPDTL	-20090825ATN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	K47HO-D	SHREVEPORT LA	153.1	LIC	BLDTL	-20100805AAL
47	K47HO-D	SHREVEPORT LA	153.1	APP	BDISDTL	-20100511ABD
47	K47ED	COLLEGE STATION TX	172.8	LIC	BLTT	-19930505IG
47	KNWS-TV	KATY TX	217.2	LIC	BLCDT	-20100126ACZ
47	KLPN-LP	LONGVIEW TX	133.0	CP	BDISDTL	-20070322ABF
47	NEW	PORT ARTHUR TX	184.7	APP	BNPDTL	-20100525AEV
48	KLNK-LP	LUFKIN TX	0.0	CP	BDFCDTL	-20090824ABC
48	KLNK-LP	LUFKIN TX	0.0	LIC	BLTTL	-20080211ABS
47	KLPN-LD	LONGVIEW TX	133.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	NEW	MINERAL WELLS TX	BNPDTL	-20100827ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	KTAQ	GREENVILLE TX	111.1	LIC	BLCDT	-20040414ACS
47	K47KI-D	DUNCAN OK	184.5	LIC	BLDTT	-20091228AEH

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47	K47KI-D	DUNCAN OK	184.5	APP	BMPD TT	-20100202ACD
47	KXDA-LP	DURANT OK	223.7	APP	BDISDTL	-20090605ACG
47	NEW	CISCO TX	99.7	APP	BNPDTL	-20100304AAV
47	KUVN-CA	FORT WORTH TX	72.2	CP	BDISDTA	-20080804AFA
47	KUVN-CA	FORT WORTH TX	72.2	LIC	BLTTA	-20030929ASK
47	NEW	SAN ANGELO TX	264.5		BNPTTL	-20000831AYD
47	KTXU-LP	WEST LAKE HILLS TX	278.0	LIC	BLTTL	-20050124ADH
48	KSTR-DT	IRVING TX	111.1	CP	BPCDT	-20080618AEK
48	KSTR-DT	IRVING TX	111.1	LIC	BLCDT	-20020909AAM
47	KLPN-LD	LONGVIEW TX	303.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	NEW	PORT ARTHUR TX	BNPDTL -20100525AEV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	K46LC-D	PORT ARTHUR TX	6.4	CP	BNPDTL -20090825AXG
47	K47DW	ALEXANDRIA LA	207.3	CP	BDFCDTT -20090630ADR
47	NEW	LAFAYETTE LA	144.9	APP	BNPDTL -20100108AAZ
47	KTDJ-LP	BEAUMONT TX	42.5	LIC	BLTTL -20060911AAQ
47	KNWS-TV	KATY TX	157.6	LIC	BLCDT -20100126ACZ
48	NEW	BEAUMONT TX	30.9	APP	BNPDTL -20100701ACS
47	KLPN-LD	LONGVIEW TX	312.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	KTXU-LP	WEST LAKE HILLS TX	BLTTL -20050124ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KENS	SAN ANTONIO TX	125.4	CP	BPCDT -20080303ALJ
43	KEYE-TV	AUSTIN TX	0.4	LIC	BLCDT -20031001BGN
44	KWKT-TV	WACO TX	119.1	CP MOD	BMPCDT -20090220ABU
46	KNCT	BELTON TX	75.4	CP MOD	BMPEDT -20080618AUE
47	KNWS-TV	KATY TX	236.2	LIC	BLCDT -20100126ACZ
47	KSSJ-LP	SAN ANTONIO TX	94.6	APP	BDISDTL -20100803ADM
48	WOAI-TV	SAN ANTONIO TX	125.4	LIC	BLCDT -20090731ADF
49	KNVA	AUSTIN TX	0.3	LIC	BLCDT -20080808ACP
47	KLPN-LD	LONGVIEW TX	375.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 29

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KSTR-DT	IRVING TX	BPCDT	-20080618AEK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	KTMD	GALVESTON TX	358.0	LIC	BLCDDT	-20040325AEO
48	WOAI-TV	SAN ANTONIO TX	384.6	LIC	BLCDDT	-20090731ADF
47	KLPN-LD	LONGVIEW TX	195.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KSTR-DT	IRVING TX	BLCDDT	-20020909AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	KTMD	GALVESTON TX	358.0	LIC	BLCDDT	-20040325AEO
48	WOAI-TV	SAN ANTONIO TX	384.6	LIC	BLCDDT	-20090731ADF
47	KLPN-LD	LONGVIEW TX	195.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KLNK-LP	LUFKIN TX	BDFCDTL	-20090824ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	LUFKIN TX	0.0	APP	BNPDTL	-20090825ATN
48	NEW	BEAUMONT TX	154.5	APP	BNPDTL	-20100701ACS
48	KTMD	GALVESTON TX	216.3	LIC	BLCDDT	-20040325AEO
48	KSTR-DT	IRVING TX	242.3	CP	BPCDDT	-20080618AEK
48	KSTR-DT	IRVING TX	242.3	LIC	BLCDDT	-20020909AAM
48	KTPN-LP	TYLER TX	116.6	CP	BDFCDTL	-20090630AFA
48	KTPN-LP	TYLER TX	116.2	LIC	BLTTL	-19931020JL
49	NEW	HEMPHILL TX	80.9	APP	BNPDTL	-20100423AAD
47	KLPN-LD	LONGVIEW TX	133.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KLNK-LP	LUFKIN TX	BLTTL	-20080211ABS

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	NEW	LUFKIN TX	0.0	APP	BNPDTL	-20090825ATN
48	KTMD	GALVESTON TX	216.3	LIC	BLCDDT	-20040325AEO
48	KSTR-DT	IRVING TX	242.3	CP	BPCDDT	-20080618AEK
48	KSTR-DT	IRVING TX	242.3	LIC	BLCDDT	-20020909AAM
48	KTPN-LP	TYLER TX	116.6	CP	BDFCDDL	-20090630AFA
48	KTPN-LP	TYLER TX	116.2	LIC	BLTTL	-19931020JL
51	KCEB-DR	LONGVIEW TX	96.3	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	96.3	LIC	BLCDDT	-20100212AAO
47	KLPN-LD	LONGVIEW TX	133.0	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	KTPN-LP	TYLER TX	BDFCDDL	-20090630AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KLPN-LP	LONGVIEW TX	45.9	CP	BDISDDL	-20070322ABF
48	KTMD	GALVESTON TX	311.3	LIC	BLCDDT	-20040325AEO
48	KSTR-DT	IRVING TX	159.4	CP	BPCDDT	-20080618AEK
48	KSTR-DT	IRVING TX	159.4	LIC	BLCDDT	-20020909AAM
48	KLNK-LP	LUFKIN TX	116.6	CP	BDFCDDL	-20090824ABC
48	KLNK-LP	LUFKIN TX	116.6	LIC	BLTTL	-20080211ABS
47	KLPN-LD	LONGVIEW TX	45.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4  
Scenario 1 Affected station 33  
Before Analysis

Results for: 48A TX TYLER BDFCDDL 20090630AFA CP

	POPULATION	AREA (sq km)
HAAT 143.0 m, ATV ERP 15.0 kW		
within Noise Limited Contour	214964	4243.7
not affected by terrain losses	214964	4243.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3685	185.1
lost to ATV IX only	3685	185.1
lost to all IX	3685	185.1

Potential Interfering Stations Included in above Scenario 1

48A TX IRVING BPCDDT 20080618AEK CP

After Analysis

Results for: 48A TX TYLER BDFCDDL 20090630AFA CP

	POPULATION	AREA (sq km)
HAAT 143.0 m, ATV ERP 15.0 kW		
within Noise Limited Contour	214964	4243.7

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not affected by terrain losses	214964	4243.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3877	192.0
lost to ATV IX only	3877	192.0
lost to all IX	3877	192.0

Potential Interfering Stations Included in above Scenario 1

48A TX IRVING	BPCDT	20080618AEK	CP
47A TX LONGVIEW	USERRECORD01		APP

Percent new IX = 0.0909%

Result key: 5  
Scenario 2 Affected station 33  
Before Analysis

Results for: 48A TX TYLER BDFCDTL 20090630AFA CP  
HAAT 143.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	214964	4243.7
not affected by terrain losses	214964	4243.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1083	50.9
lost to ATV IX only	1083	50.9
lost to all IX	1083	50.9

Potential Interfering Stations Included in above Scenario 2

48A TX IRVING	BLCDT	20020909AAM	LIC
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After Analysis

Results for: 48A TX TYLER BDFCDTL 20090630AFA CP  
HAAT 143.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	214964	4243.7
not affected by terrain losses	214964	4243.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1275	60.7
lost to ATV IX only	1275	60.7
lost to all IX	1275	60.7

Potential Interfering Stations Included in above Scenario 2

48A TX IRVING	BLCDT	20020909AAM	LIC
47A TX LONGVIEW	USERRECORD01		APP

Percent new IX = 0.0898%

Worst case new IX 0.0909% Scenario 1

#####

Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	KTPN-LP	TYLER TX	BLTTL -19931020JL

Stations Potentially Affecting This Station

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Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KSHV-TV	SHREVEPORT LA	129.8	LIC	BLCDDT	-20060215ACP
47	KLPN-LP	LONGVIEW TX	45.9	CP	BDISDTL	-20070322ABF
48	KTMD	GALVESTON TX	311.1	LIC	BLCDDT	-20040325AEO
48	KSTR-DT	IRVING TX	159.7	CP	BPCDDT	-20080618AEK
48	KSTR-DT	IRVING TX	159.7	LIC	BLCDDT	-20020909AAM
48	KLNK-LP	LUFKIN TX	116.2	CP	BDFCDDT	-20090824ABC
48	KLNK-LP	LUFKIN TX	116.2	LIC	BLTTL	-20080211ABS
51	KCEB-DR	LONGVIEW TX	32.0	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	32.0	LIC	BLCDDT	-20100212AAO
47	KLPN-LD	LONGVIEW TX	45.9	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KPTD-LP	PARIS TX	BPTTL	-20070910ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KKYK-DT	CAMDEN AR	267.1	CP	BPCDDT	-20050224ABE
49	KGEB	TULSA OK	272.2	LIC	BLCDDT	-20060817ADB
47	KLPN-LD	LONGVIEW TX	129.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KPTD-LP	PARIS TX	BLTTL	-20070622ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KKYK-DT	CAMDEN AR	266.5	CP	BPCDDT	-20050224ABE
49	KGEB	TULSA OK	271.8	LIC	BLCDDT	-20060817ADB
47	KLPN-LD	LONGVIEW TX	129.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 37

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KPTD-LP	PARIS TX	BSTA	-20070910ADP

Stations Potentially Affecting This Station

Matthew A. Sanderford, Jr., P.E.

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KKYK-DT	CAMDEN AR	267.1	CP	BPCDT	-20050224ABE
49	KGEB	TULSA OK	272.2	LIC	BLCDT	-20060817ADB
47	KLPN-LD	LONGVIEW TX	129.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KBXS-CA	SHREVEPORT LA	BLTTA	-20030718ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KKYK-DT	CAMDEN AR	128.8	CP	BPCDT	-20050224ABE
50	KLWB	NEW IBERIA LA	294.9	LIC	BLCDT	-20090618AAQ
50	KBTX-TV	BRYAN TX	306.8	CP MOD	BMPCDT	-20080611AAI
50	NEW	TYLER TX	137.8	APP	BMJADTL	-20100521ACC
51	KCEB-DR	LONGVIEW TX	116.2	APP	BPRM	-20080514AHH
51	KCEB	LONGVIEW TX	116.2	LIC	BLCDT	-20100212AAO
47	KLPN-LD	LONGVIEW TX	105.5	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	KLPN-LD	LONGVIEW TX	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	K46KW-D	TYLER TX	45.9	CP	BNPDTL	-20091218AFE
47	NEW	TEXARKANA AR	133.9	APP	BNPDTL	-20100112ADU
47	K47HO-D	SHREVEPORT LA	104.3	LIC	BLDTL	-20100805AAL
47	K47HO-D	SHREVEPORT LA	104.3	APP	BDISDTL	-20100511ABD
47	KXDA-LP	DURANT OK	250.4	APP	BDISDTL	-20090605ACG
47	KWHB	TULSA OK	387.2	CP MOD	BMPCDT	-20080619ABI
47	KWHB	TULSA OK	387.2	LIC	BLCDT	-20090217ACO
47	KUVN-CA	FORT WORTH TX	231.1	LIC	BLTTA	-20030929ASK
47	KNWS-TV	KATY TX	343.2	LIC	BLCDT	-20100126ACZ
47	NEW	LUFKIN TX	133.0	APP	BNPDTL	-20090825ATN
48	KTPN-LP	TYLER TX	45.9	CP	BDFCDTL	-20090630AFA
48	KTPN-LP	TYLER TX	45.9	LIC	BLTTL	-19931020JL

Total scenarios = 2

Result key: 6  
Scenario 1 Affected station 39





Matthew A. Sanderford, Jr., P.E.

Analog  Digital

a. File number of original construction permit or pending application:

BLTTL-19991019AAO

If an amendment, **submit as an Exhibit** a listing by Section and Question Number the portions of the pending application that are being revised.

[Exhibit 2]

**NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.**

**Section II - Legal**

<p>1. <b>Certification.</b> Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
<p>2. <b>Parties to the Application.</b> List the applicant and all parties to the application. If other than natural persons, list officers, directors, stockholders with interests of 1% or more, general and limited partners and/or members.</p>	
<p>a. Name and address of the applicant and, if applicable, its officers, directors, stockholders with interests of 1% or greater, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter remaining stockholders and partners.</p>	<p>b. Citizenship.</p> <p>c. Positional Interest: Officer, director, general partner, limited partner, LLC member, etc.</p> <p>d. Percentage of votes.</p> <p>e. Percentage of equity.</p>
<p>[Enter Parties Information]</p>	
<p>3. <b>Character Issues.</b> Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:</p> <p>a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>b. any pending broadcast application in which character issues have been raised.</p>	<p><input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 3]</p>
<p>4. <b>Adverse Findings.</b> Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.</p>	<p><input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 4]</p>
<p>5. <b>Alien Ownership and Control.</b> Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.</p>	<p><input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 5]</p>
<p>6. <b>Program Service Certification.</b> (For Low Power Television Applicants Only) Applicant certifies that this station will offer a broadcast program service.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>7. <b>Local Public Notice.</b> (For new station and major change Applicants Only) Applicant certifies that it has or will</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>

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	comply with the public notice requirements of 47 C.F.R. Section 73.3580.	
8.	<b>Rebroadcast Certification.</b> (For Applicants proposing translator rebroadcasts that are not the licensee of the primary station) Applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.	<input type="radio"/> Yes <input type="radio"/> No
9.	<b>Auction Authorization.</b> If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable. <b>An exhibit is required unless</b> this question is inapplicable.	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
		[Exhibit 6]
10.	<b>Anti-Drug Abuse Act Certification.</b> Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	<input checked="" type="radio"/> Yes <input type="radio"/> No

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing	Typed or Printed Title of Person Signing
ANTHONY J. MALARA, III	PRESIDENT
Signature	Date

**SECTION III - ENGINEERING DATA (Digital)**

**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

**TECH BOX**

1.	Channel Number: 47					
2.	Translator Input Channel No. :					
3.	Primary station proposed to be rebroadcast: <table border="1" style="width:100%"> <tr> <td>Facility Identifier</td> <td>Call Sign</td> <td>City</td> <td>State</td> <td>Channel</td> </tr> </table>	Facility Identifier	Call Sign	City	State	Channel
Facility Identifier	Call Sign	City	State	Channel		
4.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 32 Minutes 36 Seconds 4 <input checked="" type="radio"/> North <input type="radio"/> South  Longitude: Degrees 94 Minutes 52 Seconds 15 <input checked="" type="radio"/> West <input type="radio"/> East					
5.	Antenna Structure Registration Number: 1047144 <input type="checkbox"/> Not Applicable [Exhibit 10] <input type="checkbox"/> Notification filed with FAA					
6.	Antenna Location Site Elevation Above Mean Sea Level: 186 meters					
7.	Overall Tower Height Above Ground Level: 249.6 meters					
8.	Height of Radiation Center Above Ground Level: 225.5 meters					
9.	Maximum Effective Radiated Power (ERP): 10 kW					
10.	Transmitter Output Power: 1.55 kW					

**Matthew A. Sanderford, Jr., P.E.**

11. a. Transmitting Antenna:  
 Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under [CDBS Public Access](http://licensing.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm) (http://licensing.fcc.gov/prod/cdbs/pubacc/prod/cdbs\_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.  
 Nondirectional  Directional "Off-the-shelf"  Directional composite  
 Manufacturer ERI Model AL8M-47

b. Electrical Beam Tilt: 1.75 degrees  Not Applicable

c. Directional Antenna Relative Field Values:  N/A (Nondirectional or Directional "Off-the-shelf")  
 Rotation (Degrees): 0  No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0	0.305	10	0.322	20	0.305	30	0.261	40	0.215	50	0.203
60	0.246	70	0.327	80	0.414	90	0.488	100	0.553	110	0.612
120	0.667	130	0.723	140	0.784	150	0.848	160	0.907	170	0.954
180	0.988	190	1	200	0.988	210	0.954	220	0.907	230	0.848
240	0.784	250	0.723	260	0.667	270	0.612	280	0.553	290	0.488
300	0.414	310	0.327	320	0.246	330	0.203	340	0.215	350	0.261
Additional Azimuths											

[Relative Field Polar Plot](#)

**NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.**

12. **Out-of-channel Emission Mask:**  Simple  Stringent

**CERTIFICATION**

13. **Interference :** The proposed facility complies with all of the following applicable rule sections. 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030.  Yes  No  
 See Explanation in [Exhibit 11]

14. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance, an **Exhibit is required.**  Yes  No  
 See Explanation in [Exhibit 12]  
 By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

15. **Channels 52-59.** If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable:

The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available.

Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.

16. **Channels 60-69.** If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable:

applicable:

- Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application , all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.
- Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreements(s) with 700 MHz public safety regional planning committee(s) and state administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location.
- Pursuant to Section 74.786(e), the applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.

**PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.**

**SECTION III PREPARER'S CERTIFICATION**

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name MATTHEW A. SANDERFORD, JR., P.E.		Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature		Date 10/5/2010	
Mailing Address PO BOX 485 6100 I-35W			
City ALVARADO		State or Country (if foreign address) TX	Zip Code 76009 - 0485
Telephone Number (include area code) 8177835566		E-Mail Address (if available) TVCOWBOY@MARSAND.COM	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

**Exhibits**

**Exhibit 1**  
**Description:** SEE ENGINEERING EXHIBIT

**Matthew A. Sanderford, Jr., P.E.**

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**Attachment 1**

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**Exhibit 11**

**Description:** ENGINEERING STATEMENT

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**Attachment 11**

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**Exhibit 12**

**Description:** (SEE ENGINEERING STATEMENT)

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**Attachment 12**

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