

DELAWDER COMMUNICATIONS, INC.

2121 Eisenhower Avenue, Suite 200

Alexandria, Virginia 22314

(703) 299-9222

ENGINEERING REPORT

Iglesia Jesuchristo Es Mi Refugio, Inc.

KNOK-LP: Site Move Minor Mod. to Rose Hill Tower (Serving Royse City, TX)

EXHIBIT 8

LPTV MINOR MODIFICATION – INTERFERENCE STUDIES

1. Iglesia Jesuchristo Es Mi Refugio, Inc. ("Applicant") is the licensee of KNOK-LP, Greenville, TX, analog channel 53. By this analog minor modification application, Applicant proposes a new transmitter site located near Rose Hill, Texas (with a community of license change to Royse City, Texas). KNOK-LP will continue to operate on channel 53 from the new transmitter site.

2. Attached as Figure 1 is a map showing 74 dBu (F50,50) service contour overlap between the licensed and proposed KNOK-LP facilities. Because there is no proposed channel change, and given that the licensed and proposed service contours overlap, this filing qualifies as a minor modification application.

3. The use of zero frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

4. This application does not require coordination with Mexico or Canada.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications' SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC's OET-69 processing program.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

6. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any licensed or authorized secondary TV station, or by any secondary TV facility that is given preferential status by the FCC over the Applicant's herein proposed facility.

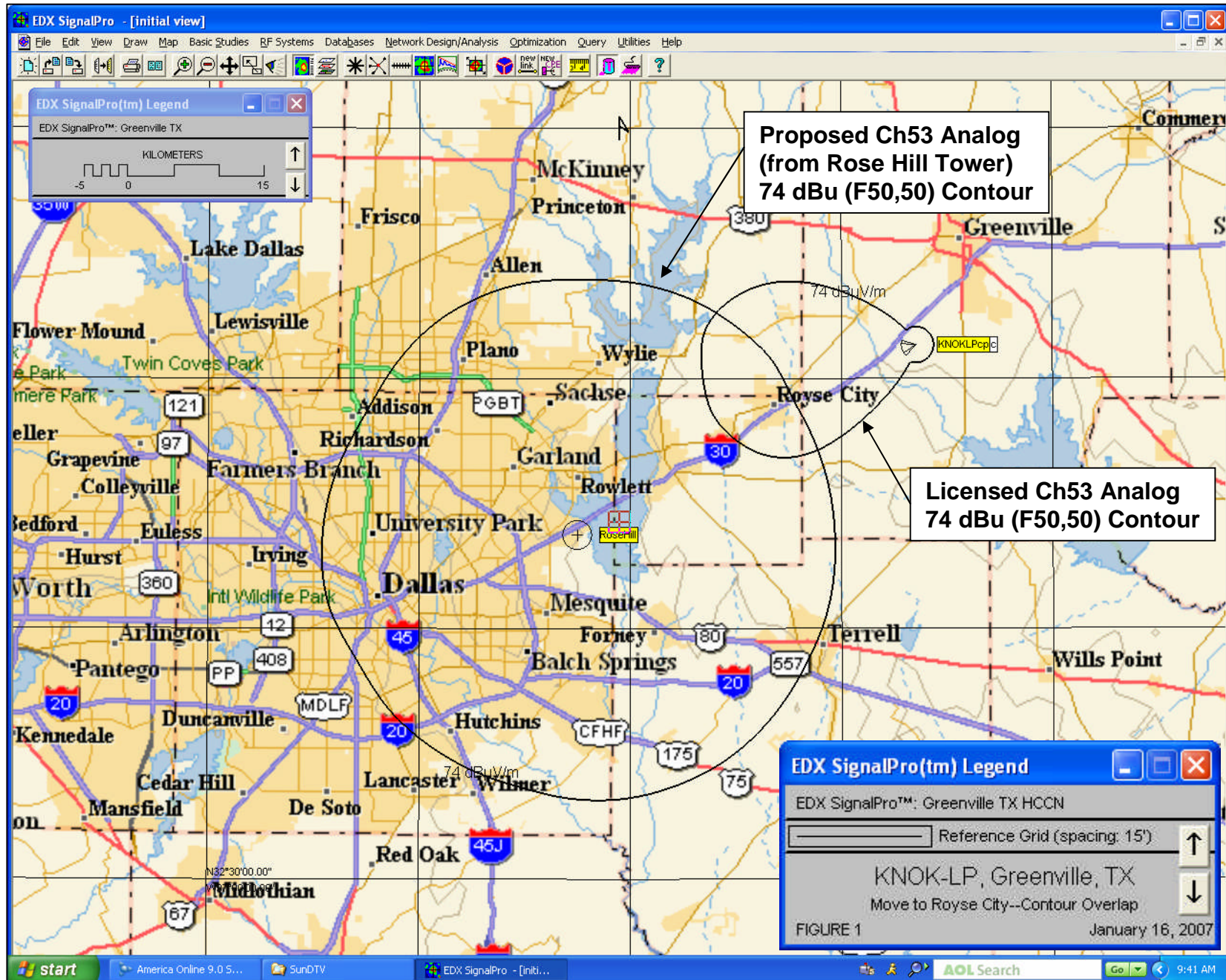


FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-19-2006 Time: 13:24:03

Record Selected for Analysis

ROSEHILL USERRECORD-01 US
Channel 53 ERP 50. kW HAAT 137. m RCAMSL 00268 m
Latitude 032-50-36 Longitude 0096-33-48
Status APP Zone 2 Border Offset Z
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

1990 Census data selected

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	50.000	118.1	24.3
45.0	50.000	129.2	25.1
90.0	50.000	120.0	24.4
135.0	50.000	137.2	25.8
180.0	50.000	132.9	25.4
225.0	50.000	117.4	24.2
270.0	50.000	113.7	23.9
315.0	50.000	108.0	23.3

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

Start of Interference Analysis

Proposed Station		
Channel	Call	City/State
53	ROSEHILL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KVFW-LP	FORT WORTH TX	47.4	LIC	BLTTTL	-20040302AAP
39	KXTX-TV	DALLAS TX	47.5	LIC	BLCT	-19970905KE
52	KFWD	FORT WORTH TX	47.3	LIC	BLCT	-20010207ABH
53	KNOK-LP	GREENVILLE TX	43.0	CP*	BDISTTL	-20051013AIB
53	KNOK-LP	GREENVILLE TX	17.5	APP	BPTTL	-20040520AJJ
53	KWTX-TV	WACO TX	183.4	LIC	BLCDT	-20050615ABP
54	KLDT	LAKE DALLAS TX	49.8	LIC	BLCDT	-20060928AKY

* NOTE: The status of this facility is now a license.

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	KVEW-LP	FORT WORTH TX	BLTTTL	-20040302AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	0.2	LIC	BLCDT	-20060317AGE
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI	DALLAS TX	5.2	APP	BMPCDT	-20061114AA
36	KDFI-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP1035
36	KDFI	DALLAS TX	5.2	CP	BPCDT	-19991101AEK
38	KNCT-TV	BELTON TX	188.9	LIC	BPRM	-20020426ABI
38	KNCT	BELTON TX	188.9	CP MOD	BMPEDT	-20030319ADS
38	KHCW	HOUSTON TX	363.8	LIC	BLCDT	-20021022AAH
38	KHTV-DT	HOUSTON TX	363.8	PLN	DTVPLN	-DTVP1070
38	NEW	LONGVIEW TX	147.9	LIC	BPRM	-20030312AHE
38	KCEB	LONGVIEW TX	193.0	CP	BPCT	-20040521AGY
38	KVDA-DT	SAN ANTONIO TX	386.3	PLN	DTVPLN	-DTVP1071
38	KVDA	SAN ANTONIO TX	386.3	LIC	BLCDT	-20021015ABQ
38	KLTV-DT	TYLER TX	163.9	PLN	DTVPLN	-DTVP1072
38	KWKO-LP	WACO TX	126.4	LIC	BLTT	-20001229AAB
39	KXTX-TV	DALLAS TX	0.5	LIC	BLCT	-19970905KE
40	KXTX-TV	DALLAS TX	0.5	LIC	BLCDT	-20021106ABR
40	KXTX-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	0.4	PLN	DTVPLN	-DTVP1176
42	KPXD	ARLINGTON TX	0.3	LIC	BLCDT	-20021028AAO
42	KINZ-DT	ARLINGTON TX	0.3	PLN	DTVPLN	-DTVP1210
42	KPXD	ARLINGTON TX	0.2	APP	BPCT	-20020131ABM
45	KDTX-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP1315

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

45	KDTX-TV	DALLAS TX	5.2	CP MOD	BMPCDT	-20030417ABJ
46	KTAQ	GREENVILLE TX	5.2	LIC	BLCDT	-20040414ACS
46	KTAQ-DT	GREENVILLE TX	99.9	PLN	DTVPLN	-DTVP1342
52	KFWD	FORT WORTH TX	0.2	LIC	BLCT	-20010207ABH
52	KFWD	FORT WORTH TX	0.2	APP	BSTA	-20060706AEN
53	KWTX-DT	WACO TX	144.6	PLN	DTVPLN	-DTVP1539
53	KWTX-TV	WACO TX	144.6	LIC	BLCDT	-20050615ABP
53	ROSEHILL		47.4	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
39	KXTX-TV	DALLAS TX	DTVPLN	-NPLN1570

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	KDAF-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP0882
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP1035
38	KLTV-DT	TYLER TX	163.8	PLN	DTVPLN	-DTVP1072
39	KWTV-DT	OKLAHOMA CITY OK	333.0	PLN	DTVPLN	-DTVP1101
39	KHTV	HOUSTON TX	363.3	PLN	DTVPLN	-NPLN1571
39	KWEX-DT	SAN ANTONIO TX	385.9	PLN	DTVPLN	-DTVP1108
40	KXTX-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	0.3	PLN	DTVPLN	-DTVP1176
42	KINZ-DT	ARLINGTON TX	0.7	PLN	DTVPLN	-DTVP1210
43	KDTN-DT	DENTON TX	0.5	PLN	DTVPLN	-DTVP1245
46	KNCT	BELTON TX	188.4	PLN	DTVPLN	-NPLN1710
46	KTAQ-DT	GREENVILLE TX	100.0	PLN	DTVPLN	-DTVP1342
47	KTAQ	GREENVILLE TX	100.0	PLN	DTVPLN	-NPLN1724
54	KLDT-DT	LAKE DALLAS TX	46.7	PLN	DTVPLN	-DTVP1556

Results for: 39N TX DALLAS	DTVPLN	NPLN1570	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4100614	31766.3	
not affected by terrain losses	4095757	31292.0	
lost to NTSC IX	666	44.2	
lost to additional IX by ATV	1057	184.9	
lost to all IX	1723	229.1	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	KXTX-TV	DALLAS TX	BLCT	-19970905KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	KDAF-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP0882
32	KDAF	DALLAS TX	4.8	LIC	BLCDT	-20010606ABJ
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

36	KDFI	DALLAS TX	4.7	APP	BMPCDT	-20061114AAX
36	KDFI-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP1035
36	KDFI	DALLAS TX	4.7	CP	BPCDT	-19991101AEK
38	KNCT-TV	BELTON TX	188.5	LIC	BPRM	-20020426ABI
38	KNCT	BELTON TX	188.5	CP MOD	BMPEDT	-20030319ADS
38	NEW	LONGVIEW TX	147.7	LIC	BPRM	-20030312AHE
38	KCEB	LONGVIEW TX	192.7	CP	BPCT	-20040521AGY
38	KLTV-DT	TYLER TX	163.8	PLN	DTVPLN	-DTVP1072
39	KWTV	OKLAHOMA CITY OK	338.3	LIC	BLCDT	-20050330AJN
39	KWTV-DT	OKLAHOMA CITY OK	333.0	PLN	DTVPLN	-DTVP1101
39	KHCW	HOUSTON TX	363.3	LIC	BMLCT	-20011009ADG
39	KWEX-DT	SAN ANTONIO TX	385.9	PLN	DTVPLN	-DTVP1108
39	KWEX-TV	SAN ANTONIO TX	385.9	LIC	BLCDT	-20040126APA
40	KXTX-TV	DALLAS TX	0.0	LIC	BLCDT	-20021106ABR
40	KXTX-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	0.3	PLN	DTVPLN	-DTVP1176
42	KPXD	ARLINGTON TX	0.7	LIC	BLCDT	-20021028AAO
42	KINZ-DT	ARLINGTON TX	0.7	PLN	DTVPLN	-DTVP1210
42	KPXD	ARLINGTON TX	0.4	APP	BPCT	-20020131ABM
43	KDTN	DENTON TX	4.8	LIC	BLEDT	-20040301AAH
43	KDTN-DT	DENTON TX	0.5	PLN	DTVPLN	-DTVP1245
46	KNCT	BELTON TX	188.4	LIC	BLCT	-2369
46	KTAQ	GREENVILLE TX	4.7	LIC	BLCDT	-20040414ACS
46	KTAQ-DT	GREENVILLE TX	100.0	PLN	DTVPLN	-DTVP1342
47	KTAQ	GREENVILLE TX	100.0	LIC	BLCT	-20020221AAD
54	KLDT	LAKE DALLAS TX	4.7	LIC	BLCDT	-20060928AKX
54	KLDT-DT	LAKE DALLAS TX	46.7	PLN	DTVPLN	-DTVP1556
54	KCEB	LONGVIEW TX	201.2	LIC	BLCT	-20030721ABN
53	ROSEHILL		47.5	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
52	KFWD	FORT WORTH TX	DTVPLN	-NPLN1816

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KDTX-DT	DALLAS TX	33.2	PLN	DTVPLN	-DTVP1315
48	KHSX-DT	IRVING TX	32.9	PLN	DTVPLN	-DTVP1401
49	KHSXTV	IRVING TX	32.9	PLN	DTVPLN	-NPLN1763
51	KFWD-DT	FORT WORTH TX	0.0	PLN	DTVPLN	-DTVP1496
52	KSBI	OKLAHOMA CITY OK	293.2	PLN	DTVPLN	-NPLN1813
52	NEW	BLANCO TX	305.5	PLN	DTVPLN	-NPLN1815
52	KNWS-DT	KATY TX	392.3	PLN	DTVPLN	-DTVP1521
53	KWTX-DT	WACO TX	158.8	PLN	DTVPLN	-DTVP1539
54	KLDT-DT	LAKE DALLAS TX	38.9	PLN	DTVPLN	-DTVP1556
55	KLDT	LAKE DALLAS TX	38.9	PLN	DTVPLN	-NPLN1857

Results for: 52N TX FORT WORTH	DTVPLN	NPLN1816	PLN
POPULATION	AREA (sq km)		

FIGURE 2—OET-69 STUDY FOR KNOX-LP FROM ROSE HILL TOWER (CHANNEL 53z)

within Noise Limited Contour	3819012	14801.6
not affected by terrain losses	3804730	14440.8
lost to NTSC IX	2729	252.6
lost to additional IX by ATV	0	0.0
lost to all IX	2729	252.6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
52	KFWD	FORT WORTH TX	BLCT	-20010207ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KDTX-DT	DALLAS TX	0.2	PLN	DTVPLN	-DTVP1315
45	KDTX-TV	DALLAS TX	5.1	CP MOD	BMPCDT	-20030417ABJ
48	KSTR-TV	IRVING TX	5.1	LIC	BLCDDT	-20020909AAM
48	KHSX-DT	IRVING TX	0.4	PLN	DTVPLN	-DTVP1401
49	KSTR-TV	IRVING TX	5.1	LIC	BLCT	-20001116ABS
51	KFWD	FORT WORTH TX	0.0	LIC	BLCDDT	-20020509AAQ
51	KFWD-DT	FORT WORTH TX	33.4	PLN	DTVPLN	-DTVP1496
51	KFXK	LONGVIEW TX	192.8	LIC	BLCT	-19910904KE
52	KSBI	OKLAHOMA CITY OK	338.0	LIC	BLCT	-20001204AIT
52	KNWS-TV	KATY TX	363.9	CP MOD	BMPCDT	-20060215AAN
52	KNWS-DT	KATY TX	364.3	PLN	DTVPLN	-DTVP1521
53	KWTX-DT	WACO TX	144.6	PLN	DTVPLN	-DTVP1539
53	KWTX-TV	WACO TX	144.6	LIC	BLCDDT	-20050615ABP
54	KLDT	LAKE DALLAS TX	5.1	LIC	BLCDDT	-20060928AKX
54	KLDT-DT	LAKE DALLAS TX	46.3	PLN	DTVPLN	-DTVP1556
55	KLDT	LAKE DALLAS TX	5.1	CP	BPCT	-20020307ABK
59	NEW	SHERMAN TX	121.1	ADD	BPRM	-20000717ACB
53	ROSEHILL		47.3	APP	USERRECORD-01	

Total scenarios = 6

Result key: 1
 Scenario 1 Affected station 3
 Before Analysis

Results for: 52N TX FORT WORTH BLCT 20010207ABH LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	4002294	23652.1
not affected by terrain losses	3995897	23335.2
lost to NTSC IX	429	60.2
lost to additional IX by ATV	16	4.0
lost to all IX	445	64.2

Potential Interfering Stations Included in above Scenario 1

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN

After Analysis

FIGURE 2—OET-69 STUDY FOR KNOX-LP FROM ROSE HILL TOWER (CHANNEL 53z)

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	1927	64.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	1943	68.2	

Potential Interfering Stations Included in above Scenario 1

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN
53N	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.0	BLCT 20010207ABH
*Percent new DTV interference with proposal:		0.0	BLCT 20010207ABH

Result key: 2
Scenario 2 Affected station 3
Before Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	429	60.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	445	64.2	

Potential Interfering Stations Included in above Scenario 2

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	BLCDDT	20050615ABP	LIC

After Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	1927	64.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	1943	68.2	

Potential Interfering Stations Included in above Scenario 2

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	BLCDDT	20050615ABP	LIC

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

53N	USERRECORD01	APP		
*Percent new DTV interference without proposal:		0.0	BLCT	20010207ABH
*Percent new DTV interference with proposal:		0.0	BLCT	20010207ABH

Result key: 3
 Scenario 3 Affected station 3
 Before Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	2456	152.5	
lost to additional IX by ATV	16	4.0	
lost to all IX	2472	156.5	

Potential Interfering Stations Included in above Scenario 3

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
59N TX SHERMAN	BPRM	20000717ACB	ADD
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN

After Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	3954	156.5	
lost to additional IX by ATV	16	4.0	
lost to all IX	3970	160.5	

Potential Interfering Stations Included in above Scenario 3

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
59N TX SHERMAN	BPRM	20000717ACB	ADD
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN
53N	USERRECORD01	APP	

*Percent new DTV interference without proposal:	0.1	BLCT	20010207ABH
*Percent new DTV interference with proposal:	0.1	BLCT	20010207ABH

Result key: 4
 Scenario 4 Affected station 3
 Before Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	

FIGURE 2—OET-69 STUDY FOR KNOX-LP FROM ROSE HILL TOWER (CHANNEL 53z)

lost to NTSC IX	2456	152.5
lost to additional IX by ATV	16	4.0
lost to all IX	2472	156.5

Potential Interfering Stations Included in above Scenario 4

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
59N TX SHERMAN	BPRM	20000717ACB	ADD
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	BLCDT	20050615ABP	LIC

After Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	3954	156.5	
lost to additional IX by ATV	16	4.0	
lost to all IX	3970	160.5	

Potential Interfering Stations Included in above Scenario 4

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
59N TX SHERMAN	BPRM	20000717ACB	ADD
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	BLCDT	20050615ABP	LIC
53N	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.1	BLCT 20010207ABH
*Percent new DTV interference with proposal:		0.1	BLCT 20010207ABH

Result key: 5
 Scenario 5 Affected station 3
 Before Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	429	60.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	445	64.2	

Potential Interfering Stations Included in above Scenario 5

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN

After Analysis

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	1927	64.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	1943	68.2	

Potential Interfering Stations Included in above Scenario 5

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	DTVPLN	DTVP1539	PLN
53N	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.0	BLCT 20010207ABH
*Percent new DTV interference with proposal:		0.0	BLCT 20010207ABH

Result key: 6
Scenario 6 Affected station 3
Before Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	429	60.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	445	64.2	

Potential Interfering Stations Included in above Scenario 6

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP
53A TX WACO	BLCDT	20050615ABP	LIC

After Analysis

Results for: 52N TX FORT WORTH	BLCT	20010207ABH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4002294	23652.1	
not affected by terrain losses	3995897	23335.2	
lost to NTSC IX	1927	64.2	
lost to additional IX by ATV	16	4.0	
lost to all IX	1943	68.2	

Potential Interfering Stations Included in above Scenario 6

49N TX IRVING	BLCT	20001116ABS	LIC
52N OK OKLAHOMA CITY	BLCT	20001204AIT	LIC
55N TX LAKE DALLAS	BPCT	20020307ABK	CP
45A TX DALLAS	BMPCDT	20030417ABJ	CP

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

lost to ATV IX only	0	0.0
lost to all IX	24826	116.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	KWTXTV	WACO TX	DTVPLN	-NPLN0687

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WFAA-DT	DALLAS TX	144.0	PLN	DTVPLN	-DTVP0061
10	KTEN	ADA OK	344.9	PLN	DTVPLN	-NPLN0674
10	KZTV	CORPUS CHRISTI TX	394.8	PLN	DTVPLN	-NPLN0685
10	KTRG	DEL RIO TX	404.9	PLN	DTVPLN	-NPLN0686
10	KPCB-DT	SNYDER TX	374.3	PLN	DTVPLN	-DTVP0078
11	KTVT	FORT WORTH TX	143.8	PLN	DTVPLN	-NPLN0743

Results for: 10N TX WACO	DTVPLN	NPLN0687	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	896230	39621.9	
not affected by terrain losses	866292	37751.4	
lost to NTSC IX	55632	2317.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	55632	2317.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
53	KWTX-TV	WACO TX	BLCDT	-20050615ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
52	KFWD	FORT WORTH TX	144.6	LIC	BLCT	-20010207ABH
52	KFWD	FORT WORTH TX	144.6	APP	BSTA	-20060706AEN
53	NEW	CORPUS CHRISTI TX	402.9	ADD	BPRM	-20000717ACA
54	KNVA	AUSTIN TX	119.9	LIC	BLCT	-19980708KE
54	KLDT	LAKE DALLAS TX	139.9	LIC	BLCDT	-20060928AKX
54	KLDT-DT	LAKE DALLAS TX	189.7	PLN	DTVPLN	-DTVP1556
53	ROSEHILL		183.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 11
Scenario 1 Affected station 6
Before Analysis

Results for: 53A TX WACO	BLCDT	20050615ABP	LIC
HAAT 515.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	887594	38793.0	
not affected by terrain losses	880315	38398.8	
lost to NTSC IX	18288	68.4	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	18288	68.4	

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

Potential Interfering Stations Included in above Scenario 1

54N TX AUSTIN BLCT 19980708KE LIC

After Analysis

Results for: 53A TX WACO BLC DT 20050615ABP LIC

HAAT 515.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	887594	38793.0
not affected by terrain losses	880315	38398.8
lost to NTSC IX	18747	185.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	18747	185.0

Potential Interfering Stations Included in above Scenario 1

54N TX AUSTIN BLCT 19980708KE LIC

53N USERRECORD01 APP

*Percent Service lost without proposal: 0.0 to BLC DT 20050615ABP

*Percent Service lost with proposal: 0.1 to BLC DT 20050615ABP

Result key: 12

Scenario 2 Affected station 6

Before Analysis

Results for: 53A TX WACO BLC DT 20050615ABP LIC

HAAT 515.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	887594	38793.0
not affected by terrain losses	880315	38398.8
lost to NTSC IX	18288	68.4
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	18288	68.4

Potential Interfering Stations Included in above Scenario 2

54N TX AUSTIN BLCT 19980708KE LIC

After Analysis

Results for: 53A TX WACO BLC DT 20050615ABP LIC

HAAT 515.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	887594	38793.0
not affected by terrain losses	880315	38398.8
lost to NTSC IX	18747	185.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	18747	185.0

Potential Interfering Stations Included in above Scenario 2

54N TX AUSTIN BLCT 19980708KE LIC

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

53N	USERRECORD01	APP
*Percent Service lost without proposal:	0.0	to BLCDDT 20050615ABP
*Percent Service lost with proposal:	0.1	to BLCDDT 20050615ABP

#####

Analysis of Interference to Affected Station 7

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
54	KLDT-DT	LAKE DALLAS TX	DTVPLN -DTVP1556

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
53	KWTX-DT	WACO TX	189.7	PLN	DTVPLN -DTPV1539
54	KNVA	AUSTIN TX	307.7	PLN	DTVPLN -NPLN1847
55	KLDT	LAKE DALLAS TX	0.0	PLN	DTVPLN -NPLN1857

Results for: 54A TX LAKE DALLAS DTVP1LN DTVP1556 PLN
 HAAT 142.0 m, ATV ERP 70.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3603207	10481.4
not affected by terrain losses	3602842	10433.4
lost to NTSC IX	602	16.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	602	16.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
55	KLDT	LAKE DALLAS TX	DTVPLN -NPLN1857

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	KTAQ	GREENVILLE TX	80.1	PLN	DTVPLN	-NPLN1724
48	KHSX-DT	IRVING TX	46.2	PLN	DTVPLN	-DTVP1401
51	KFWD-DT	FORT WORTH TX	38.9	PLN	DTVPLN	-DTVP1496
52	KFWD	FORT WORTH TX	38.9	PLN	DTVPLN	-NPLN1816
54	KLDT-DT	LAKE DALLAS TX	0.0	PLN	DTVPLN	-DTVP1556
55	KOTV-DT	TULSA OK	355.9	PLN	DTVPLN	-DTVP1574
55	KHIM	CONROE TX	355.1	PLN	DTVPLN	-NPLN1856
56	KETKT	JACKSONVILLE TX	188.4	PLN	DTVPLN	-NPLN1872
58	KDXTV	DALLAS TX	46.2	PLN	DTVPLN	-NPLN1899
62	KAKW	KILLEEN TX	190.7	PLN	DTVPLN	-NPLN1947

Results for: 55N TX LAKE DALLAS DTVPLN NPLN1857 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3603207	10481.3
not affected by terrain losses	3601558	10385.4
lost to NTSC IX	36334	132.0
lost to additional IX by ATV	0	0.0
lost to all IX	36334	132.0

FIGURE 2—OET-69 STUDY FOR KNOK-LP FROM ROSE HILL TOWER (CHANNEL 53z)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
54	KLDT	LAKE DALLAS TX	BLCDT	-20060928AKX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
53	KWTX-DT	WACO TX	139.9	PLN	DTVPLN	-DTVP1539
53	KWTX-TV	WACO TX	139.9	LIC	BLCDT	-20050615ABP
54	KNVA	AUSTIN TX	259.0	LIC	BLCT	-19980708KE
54	KCEB	LONGVIEW TX	200.5	LIC	BLCT	-20030721ABN
55	KLDT	LAKE DALLAS TX	0.0	CP	BPCT	-20020307ABK
53	ROSEHILL		49.8	APP	USERRECORD-01	

Proposal causes no interference

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED