

FIGURE 1 (10 Pages)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-24-2009 Time: 20:27:00

Record Selected for Analysis

SANANG USERRECORD-01 SAN ANGELO2 TX US
Channel 06 ERP 0.3 kW HAAT 106. m RCAMSL 00701 m STRINGENT MASK
Latitude 031-29-46 Longitude 0100-28-39
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	43.0 dBu F(50,90) (km)
0.0	0.300	67.6	27.6
45.0	0.300	108.1	33.4
90.0	0.300	141.0	37.1
135.0	0.300	139.9	36.9
180.0	0.300	124.8	35.3
225.0	0.300	83.3	29.9
270.0	0.300	74.5	28.6
315.0	0.300	105.4	33.1

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 within the Mexican coordination distance
Distance to border = 211.1km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
06	SANANG	SAN ANGELO2 TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KTXF-LP	ABILENE TX	132.4	APP	BSTA	-20070423AAK
05	KTXF-LP	ABILENE TX	132.4	LIC	BLTVL	-20071025AAY
05	K05EF	BRADY, ETC. TX	113.3	LIC	BLTVL	-3637
05	NEW	MIDLAND/ODESSA TX	177.2	APP	BNPTVL	-20000829AVB
06	KBFW-LP	ARLINGTON TX	327.1	APP	BDISTVL	-20070618ACC
06	KBFW-LP	ARLINGTON TX	327.1	CP	BDFCDVL	-20090211AAF
06	KBFW-LP	ARLINGTON TX	327.1	LIC	BLTVL	-20080811AAM
06	KZFW-LP	DALLAS TX	364.5	CP	BDISTVL	-20070522AAA
06	KZFW-LP	DALLAS TX	352.2	LIC	BLTVL	-20080902AEH
06	KSEX-LD	DALLAS TX	352.2	CP	BDCCDVL	-20081215ACW
06	KZFW-LP	DALLAS TX	352.2	APP	BDFCDVL	-20090413AEC
06	KBFW-LP	GAINESVILLE TX	327.1	APP	BSTA	-20071218ACX
06	KFMP-LP	LUBBOCK TX	260.6	APP	BPTVL	-20090630AAY
06	KFMP-LP	LUBBOCK TX	260.6	LIC	BLTVL	-20071207ABK
06	K66GG	ODESSA TX	202.4	APP	BDISTVL	-20080422AAA
06	KZFW-LD	ROYSE CITY TX	397.5	CP	BDCCDVL	-20070517AJU
06	KFLZ-CA	SAN ANTONIO TX	296.3	CP	BDISTVA	-20070622ACS
06	K49HH	UVALDE TX	250.9	CP	BDISTVL	-20081015ABR
06	KTXU-LP	WEST LAKE HILLS TX	286.7	APP	BDISDVL	-20090630ACC

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KTXF-LP	ABILENE TX	BSTA	-20070423AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K05EF	BRADY, ETC. TX	161.0	LIC	BLTVL	-3637
05	KCWX	FREDERICKSBURG TX	284.9	APP	BPCDT	-20090713ACO
05	KCWX	FREDERICKSBURG TX	284.9	PLN	DTVPLN	-DTVP0030
05	KCWX	FREDERICKSBURG TX	284.9	CP	BPCDT	-20080324AIO
06	KBFW-LP	ARLINGTON TX	226.9	CP	BDFCDVL	-20090211AAF
06	SANANG	SAN ANGELO2 TX	132.4	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.
05	KTXF-LP	ABILENE TX	BLTVL -20071025AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KCWX	FREDERICKSBURG TX	284.9	APP	BPCDT -20090713ACO
05	KCWX	FREDERICKSBURG TX	284.9	PLN	DTVPLN -DTVP0030
05	KCWX	FREDERICKSBURG TX	284.9	CP	BPCDT -20080324AIO
06	KBFW-LP	ARLINGTON TX	226.9	CP	BDFCDVL -20090211AAF
06	SANANG	SAN ANGELO2 TX	132.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	K05EF	BRADY, ETC. TX	BLTVL -3637

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KTXF-LP	ABILENE TX	161.0	APP	BSTA -20070423AAK
05	KTXF-LP	ABILENE TX	161.0	LIC	BLTVL -20071025AAY
05	KCWX	FREDERICKSBURG TX	129.5	APP	BPCDT -20090713ACO
05	KCWX	FREDERICKSBURG TX	129.5	PLN	DTVPLN -DTVP0030
05	KCWX	FREDERICKSBURG TX	129.5	CP	BPCDT -20080324AIO
06	KTXU-LP	WEST LAKE HILLS TX	173.8	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	113.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	NEW	MIDLAND/ODESSA TX	BNPTVL -20000829AVB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	SANANG	SAN ANGELO2 TX	177.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KBFW-LP	ARLINGTON TX	BDISTVL -20070618ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K66GD	BEAUMONT TX	421.3	APP	BDISDVL -20090630ADL
06	KZFW-LP	DALLAS TX	41.1	CP	BDISTVL -20070522AAA
06	KSEX-LD	DALLAS TX	38.7	CP	BDCCDVL -20081215ACW
06	KZFW-LP	DALLAS TX	38.7	APP	BDFCDVL -20090413AEC
06	KZFW-LD	ROYSE CITY TX	72.8	CP	BDCCDVL -20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	273.4	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	327.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KBFW-LP	ARLINGTON TX	BDFCDVL -20090211AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K66GD	BEAUMONT TX	421.3	APP	BDISDVL -20090630ADL
06	KZFW-LP	DALLAS TX	41.1	CP	BDISTVL -20070522AAA
06	KSEX-LD	DALLAS TX	38.7	CP	BDCCDVL -20081215ACW
06	KZFW-LP	DALLAS TX	38.7	APP	BDFCDVL -20090413AEC
06	KZFW-LD	ROYSE CITY TX	72.8	CP	BDCCDVL -20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	273.4	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	327.1	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.
06	KBFW-LP	ARLINGTON TX	BLTVL -20080811AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K66GD	BEAUMONT TX	421.3	APP	BDISDVL	-20090630ADL
06	KZFW-LP	DALLAS TX	41.1	CP	BDISTVL	-20070522AAA
06	KSEX-LD	DALLAS TX	38.7	CP	BDCCDVL	-20081215ACW
06	KZFW-LP	DALLAS TX	38.7	APP	BDFCDVL	-20090413AEC
06	KZFW-LD	ROYSE CITY TX	72.8	CP	BDCCDVL	-20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	273.4	APP	BDISDVL	-20090630ACC
06	SANANG	SAN ANGELO2 TX	327.1	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.
06	KZFW-LP	DALLAS TX	BDISTVL	-20070522AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K22GT	LAKE CHARLES LA	415.9	APP	BDISDVL	-20090401AWB
06	KBFW-LP	ARLINGTON TX	41.1	APP	BDISTVL	-20070618ACC
06	KBFW-LP	ARLINGTON TX	41.1	CP	BDFCDVL	-20090211AAF
06	KBFW-LP	ARLINGTON TX	41.1	LIC	BLTVL	-20080811AAM
06	K66GD	BEAUMONT TX	391.5	APP	BDISDVL	-20090630ADL
06	KSEX-LD	DALLAS TX	18.3	CP	BDCCDVL	-20081215ACW
06	KBFW-LP	GAINESVILLE TX	41.1	APP	BSTA	-20071218ACX
06	KZFW-LD	ROYSE CITY TX	33.0	CP	BDCCDVL	-20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	282.1	APP	BDISDVL	-20090630ACC
06	SANANG	SAN ANGELO2 TX	364.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KZFW-LP	DALLAS TX	BLTVL	-20080902AEH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K22GT	LAKE CHARLES LA	410.7	APP	BDISDVL	-20090401AWB
06	KBFW-LP	ARLINGTON TX	38.7	APP	BDISTVL	-20070618ACC
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL	-20090211AAF
06	KBFW-LP	ARLINGTON TX	38.7	LIC	BLTVL	-20080811AAM
06	K66GD	BEAUMONT TX	384.1	APP	BDISDVL	-20090630ADL

06	KSEX-LD	DALLAS TX	0.0	CP	BDCCDVL	-20081215ACW
06	KBFW-LP	GAINESVILLE TX	38.7	APP	BSTA	-20071218ACX
06	KZFW-LD	ROYSE CITY TX	47.2	CP	BDCCDVL	-20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	263.9	APP	BDISDVL	-20090630ACC
06	SANANG	SAN ANGELO2 TX	352.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KSEX-LD	DALLAS TX	BDCCDVL -20081215ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K22GT	LAKE CHARLES LA	410.7	APP	BDISDVL -20090401AWB
06	KBFW-LP	ARLINGTON TX	38.7	APP	BDISTVL -20070618ACC
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL -20090211AAF
06	KBFW-LP	ARLINGTON TX	38.7	LIC	BLTVL -20080811AAM
06	K66GD	BEAUMONT TX	384.1	APP	BDISDVL -20090630ADL
06	KZFW-LP	DALLAS TX	18.3	CP	BDISTVL -20070522AAA
06	KZFW-LP	DALLAS TX	0.0	APP	BDFCDVL -20090413AEC
06	KBFW-LP	GAINESVILLE TX	38.7	APP	BSTA -20071218ACX
06	KZFW-LD	ROYSE CITY TX	47.3	CP	BDCCDVL -20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	263.9	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	352.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KZFW-LP	DALLAS TX	BDFCDVL -20090413AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K22GT	LAKE CHARLES LA	410.7	APP	BDISDVL -20090401AWB
06	KBFW-LP	ARLINGTON TX	38.7	APP	BDISTVL -20070618ACC
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL -20090211AAF
06	KBFW-LP	ARLINGTON TX	38.7	LIC	BLTVL -20080811AAM
06	K66GD	BEAUMONT TX	384.1	APP	BDISDVL -20090630ADL
06	KSEX-LD	DALLAS TX	0.0	CP	BDCCDVL -20081215ACW
06	KBFW-LP	GAINESVILLE TX	38.7	APP	BSTA -20071218ACX

06	KZFW-LD	ROYSE CITY TX	47.2	CP	BDCCDVL	-20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	263.9	APP	BDISDVL	-20090630ACC
06	SANANG	SAN ANGELO2 TX	352.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KBFW-LP	GAINESVILLE TX	BSTA -20071218ACX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K66GD	BEAUMONT TX	421.3	APP	BDISDVL -20090630ADL
06	KZFW-LP	DALLAS TX	41.1	CP	BDISTVL -20070522AAA
06	KSEX-LD	DALLAS TX	38.7	CP	BDCCDVL -20081215ACW
06	KZFW-LP	DALLAS TX	38.7	APP	BDFCDVL -20090413AEC
06	KZFW-LD	ROYSE CITY TX	72.8	CP	BDCCDVL -20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	273.4	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	327.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KFMP-LP	LUBBOCK TX	BPTVL -20090630AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K06BN	WAGON MOUND NM	375.3	CP	BDFCDTT -20060323AAF
06	KXIT-LP	AMARILLO TX	188.7	CP	BDFCDVL -20090812AAE
06	K66GG	ODESSA TX	203.9	APP	BDISTVL -20080422AAA
06	SANANG	SAN ANGELO2 TX	260.6	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.
06	KFMP-LP	LUBBOCK TX	BLTVL -20071207ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K06BN	WAGON MOUND NM	375.3	CP	BDFCDTT	-20060323AAF
06	KXIT-LP	AMARILLO TX	188.7	CP	BDFCDVL	-20090812AAE
06	K66GG	ODESSA TX	203.9	APP	BDISTVL	-20080422AAA
06	SANANG	SAN ANGELO2 TX	260.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K66GG	ODESSA TX	BDISTVL	-20080422AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	KXIT-LP	AMARILLO TX	387.4	CP	BDFCDVL	-20090812AAE
06	KFMP-LP	LUBBOCK TX	203.9	APP	BPTVL	-20090630AAY
06	KFMP-LP	LUBBOCK TX	203.9	LIC	BLTVL	-20071207ABK
06	SANANG	SAN ANGELO2 TX	202.4	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.
06	KZFW-LD	ROYSE CITY TX	BDCCDVL	-20070517AJU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K22GT	LAKE CHARLES LA	400.6	APP	BDISDVL	-20090401AWB
06	KBFW-LP	ARLINGTON TX	72.8	APP	BDISTVL	-20070618ACC
06	KBFW-LP	ARLINGTON TX	72.8	CP	BDFCDVL	-20090211AAF
06	KBFW-LP	ARLINGTON TX	72.8	LIC	BLTVL	-20080811AAM
06	K66GD	BEAUMONT TX	379.9	APP	BDISDVL	-20090630ADL
06	KZFW-LP	DALLAS TX	33.0	CP	BDISTVL	-20070522AAA
06	KSEX-LD	DALLAS TX	47.3	CP	BDCCDVL	-20081215ACW
06	KZFW-LP	DALLAS TX	47.2	APP	BDFCDVL	-20090413AEC
06	KBFW-LP	GAINESVILLE TX	72.8	APP	BSTA	-20071218ACX
06	KTXU-LP	WEST LAKE HILLS TX	303.6	APP	BDISDVL	-20090630ACC
06	SANANG	SAN ANGELO2 TX	397.5	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KFLZ-CA	SAN ANTONIO TX	BDISTVA -20070622ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KCWX	FREDERICKSBURG TX	78.0	APP	BPCDT -20090713ACO
05	KCWX	FREDERICKSBURG TX	78.0	PLN	DTVPLN -DTVP0030
05	KCWX	FREDERICKSBURG TX	78.0	CP	BPCDT -20080324AIO
06	KBFW-LP	ARLINGTON TX	384.3	CP	BDFCDVL -20090211AAF
06	KCCZ-LP	CORPUS CHRISTI TX	212.1	APP	BDISDVL -20090630ABZ
06	KSEX-LD	DALLAS TX	379.2	CP	BDCCDVL -20081215ACW
06	KZFW-LP	DALLAS TX	379.3	APP	BDFCDVL -20090413AEC
06	KZFW-LD	ROYSE CITY TX	420.9	CP	BDCCDVL -20070517AJU
06	K49HH	UVALDE TX	108.3	CP	BDISTVL -20081015ABR
06	KTXU-LP	WEST LAKE HILLS TX	119.3	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	296.3	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.
06	K49HH	UVALDE TX	BDISTVL -20081015ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KCWX	FREDERICKSBURG TX	130.1	APP	BPCDT -20090713ACO
05	KCWX	FREDERICKSBURG TX	130.1	PLN	DTVPLN -DTVP0030
05	KCWX	FREDERICKSBURG TX	130.1	CP	BPCDT -20080324AIO
06	KCCZ-LP	CORPUS CHRISTI TX	277.7	APP	BDISDVL -20090630ABZ
06	KTXU-LP	WEST LAKE HILLS TX	205.5	APP	BDISDVL -20090630ACC
06	SANANG	SAN ANGELO2 TX	250.9	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.
06	KTXU-LP	WEST LAKE HILLS TX	BDISDVL -20090630ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KCWX	FREDERICKSBURG TX	80.5	APP	BPCDT	-20090713ACO
05	KCWX	FREDERICKSBURG TX	80.5	PLN	DTVPLN	-DTVP0030
05	KCWX	FREDERICKSBURG TX	80.5	CP	BPCDT	-20080324AIO
06	K22GT	LAKE CHARLES LA	405.2	APP	BDISDVL	-20090401AWB
06	KBFW-LP	ARLINGTON TX	273.4	CP	BDFCDVL	-20090211AAF
06	K66GD	BEAUMONT TX	354.1	APP	BDISDVL	-20090630ADL
06	KCCZ-LP	CORPUS CHRISTI TX	283.4	APP	BDISDVL	-20090630ABZ
06	KSEX-LD	DALLAS TX	263.9	CP	BDCCDVL	-20081215ACW
06	KZFW-LP	DALLAS TX	263.9	APP	BDFCDVL	-20090413AEC
06	KZFW-LD	ROYSE CITY TX	303.6	CP	BDCCDVL	-20070517AJU
06	SANANG	SAN ANGELO2 TX	286.7	APP	USERRECORD-01	

Proposal causes no interference

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