

FIGURE 1 (10 Pages)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-07-2009 Time: 17:10:04

Record Selected for Analysis

K66GD-LD USERRECORD-01 BEAUMONT2 TX US
Channel 06 ERP 0.3 kW HAAT 117. m RCMSL 00122 m STRINGENT MASK
Latitude 030-08-01 Longitude 0094-07-09
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	119.2	34.7
45.0	0.300	116.7	34.4
90.0	0.300	119.0	34.7
135.0	0.300	120.9	34.9
180.0	0.300	117.0	34.5
225.0	0.300	114.7	34.2
270.0	0.300	114.2	34.1
315.0	0.300	115.2	34.3

Contour Overlap Evaluation to Proposed Station Complete

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 2.18km from AM station

BEAUMONT TX KZZB Status: L Antenna: DA1

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
06	K66GD-LD	BEAUMONT2 TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KJIB-LP	CLEAR LAKE CITY TX	108.3	LIC	BLTVL	-19880808IC
05	KLUF-LP	LUFKIN TX	150.2	CP	BPTVL	-20060403ANG
05	KLUF-LP	LUFKIN TX	144.5	LIC	BLTVL	-19951005IF
06	KXKW-CA	LAFAYETTE LA	208.4	LIC	BLTVA	-20090605AAH
06	KXKW-CA	LAFAYETTE LA	208.4	CP MOD	BMPTVA	-20090605AAG
06	K22GT	LAKE CHARLES LA	55.0	APP	BDISDVL	-20090401AWB
06	WJMF-LP	JACKSON MS	423.8	APP	BDISTVL	-20090505AAU
06	KBFW-LP	ARLINGTON TX	421.3	APP	BDISTVL	-20070618ACC
06	KBFW-LP	ARLINGTON TX	421.3	LIC	BLTVL	-20080811AAM
06	KBFW-LP	ARLINGTON TX	421.3	CP	BDFCDVL	-20090211AAF
06	KCCZ-LP	CORPUS CHRISTI TX	411.6	APP	BDISDVL	-20090630ABZ
06	KZFW-LP	DALLAS TX	391.5	CP	BDISTVL	-20070522AAA
06	KSEX-LD	DALLAS TX	384.1	CP	BDCCDVL	-20081215ACW
06	KZFW-LP	DALLAS TX	384.1	APP	BDFCDVL	-20090413AEC
06	KZFW-LP	DALLAS TX	384.1	LIC	BLTVL	-20080902AEH
06	KBFW-LP	GAINESVILLE TX	421.3	APP	BSTA	-20071218ACX
06	NEW	PORT LAVACA TX	298.4	APP	BNPTVL	-20000816AAK
06	KZFW-LD	ROYSE CITY TX	379.9	CP	BDCCDVL	-20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	354.1	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	KJIB-LP	CLEAR LAKE CITY TX	BLTVL	-19880808IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KCWX	FREDERICKSBURG TX	348.1	APP	BPCDT	-20090713ACO
05	KCWX	FREDERICKSBURG TX	348.1	PLN	DTVPLN	-DTVP0030
05	KCWX	FREDERICKSBURG TX	348.1	CP	BPCDT	-20080324AIO
05	KLUF-LP	LUFKIN TX	198.9	CP	BPTVL	-20060403ANG
06	K22GT	LAKE CHARLES LA	162.0	APP	BDISDVL	-20090401AWB
06	K66GD-LD	BEAUMONT2 TX	108.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KLUF-LP	LUFKIN TX	BPTVL	-20060403ANG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	KCWX	FREDERICKSBURG TX	391.7	APP	BPCDT	-20090713ACO
05	KCWX	FREDERICKSBURG TX	391.7	PLN	DTVPLN	-DTVP0030
05	KCWX	FREDERICKSBURG TX	391.7	CP	BPCDT	-20080324AIO
06	K22GT	LAKE CHARLES LA	164.8	APP	BDISDVL	-20090401AWB
06	K66GD-LD	BEAUMONT2 TX	150.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KLUF-LP	LUFKIN TX	BLTVL	-19951005IF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	K22GT	LAKE CHARLES LA	157.5	APP	BDISDVL	-20090401AWB
06	K66GD-LD	BEAUMONT2 TX	144.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KXKW-CA	LAFAYETTE LA	BLTVA	-20090605AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	W06CL-D	PENSACOLA FL	414.6	CP	BDCCDVL	-20061013AAK
06	K22GT	LAKE CHARLES LA	155.0	APP	BDISDVL	-20090401AWB
06	K66GD-LD	BEAUMONT2 TX	208.4	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.
06	KXKW-CA	LAFAYETTE LA	BMPTVA -20090605AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	W06CL-D	PENSACOLA FL	414.6	CP	BDCCDVL -20061013AAK
06	K22GT	LAKE CHARLES LA	155.0	APP	BDISDVL -20090401AWB
06	K66GD-LD	BEAUMONT2 TX	208.4	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	K22GT	LAKE CHARLES LA	BDISDVL -20090401AWB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	KSEX-LD	DALLAS TX	410.7	CP	BDCCDVL -20081215ACW
06	KZFW-LP	DALLAS TX	410.7	APP	BDFCDVL -20090413AEC
06	KZFW-LD	ROYSE CITY TX	400.6	CP	BDCCDVL -20070517AJU
06	KTXU-LP	WEST LAKE HILLS TX	405.2	APP	BDISDVL -20090630ACC
06	K66GD-LD	BEAUMONT2 TX	55.0	APP	USERRECORD-01

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 6 K22GT
Before Analysis

Results for: 6A LA LAKE CHARLES BDISDVL 20090401AWB APP
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	315190	7896.5
not affected by terrain losses	315190	7896.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 6A LA LAKE CHARLES BDISDVL 20090401AWB APP
HAAT 1.0 m, ATV ERP 0.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	315190	7896.5
not affected by terrain losses	315190	7896.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66975	1067.9
lost to ATV IX only	66975	1067.9
lost to all IX	66975	1067.9

Potential Interfering Stations Included in above Scenario 1

6A TX BEAUMONT2 USERRECORD01 APP

The following station failed the de minimis interference criteria.

6D TX BEAUMONT2 USERRECORD01
 ERP 0.30 kW HAAT 117.0 m RCAMSL 122.0 m
 Antenna none

Due to interference to the following station and scenario: 1

6D LA LAKE CHARLES BDISDVL 20090401AWB
 ERP 0.30 kW HAAT 1.0 m RCAMSL 384.0 m
 Antenna CDB 00000000093865

Percent Service lost without proposal: 0.0 to BDISDVL 20090401AWB
 Percent Service lost with proposal: 21.2 to BDISDVL 20090401AWB

Worst case new IX 21.2491% Scenario 1

Proposed station is MX

6A TX BEAUMONT2 USERRECORD01 APP
 6A LA LAKE CHARLES BDISDVL 20090401AWB APP

Proposal MX with BDISDVL 20090401AWB scenario 1 of station 6

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	WJMF-LP	JACKSON MS	BDISTVL -20090505AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	WUOA	TUSCALOOSA AL	363.2	CP MOD	BMPCDT -20081028AAZ
06	WUOA	TUSCALOOSA AL	282.1	PLN	DTVPLN -DTVP0033
06	W06CL-D	PENSACOLA FL	318.1	CP	BDCCDVL -20061013AAK
06	K22GT	LAKE CHARLES LA	371.2	APP	BDISDVL -20090401AWB
06	W06CO	MERIDIAN MS	161.5	CP MOD	BMPTVL -20070831ACL
06	K66GD-LD	BEAUMONT2 TX	423.8	APP	USERRECORD-01

Proposed station is beyond the site to
 nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

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	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	K66GD-LD	BEAUMONT2 TX	421.3	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.
06	KBFW-LP	ARLINGTON TX	BLTVL	-20080811AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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	K66GD-LD	BEAUMONT2 TX	421.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

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	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	K66GD-LD	BEAUMONT2 TX	421.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KCCZ-LP	CORPUS CHRISTI TX	BDISDVL -20090630ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	KTXU-LP	WEST LAKE HILLS TX	283.4	APP	BDISDVL -20090630ACC
06	K66GD-LD	BEAUMONT2 TX	411.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

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	LIC	BLTVL -20080811AAM
06	KBFW-LP	ARLINGTON TX	41.1	CP	BDFCDVL -20090211AAF
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	K66GD-LD	BEAUMONT2 TX	391.5	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	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	LIC	BLTVL	-20080811AAM
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL	-20090211AAF
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	K66GD-LD	BEAUMONT2 TX	384.1	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	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	LIC	BLTVL	-20080811AAM
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL	-20090211AAF
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	K66GD-LD	BEAUMONT2 TX	384.1	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	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	LIC	BLTVL	-20080811AAM
06	KBFW-LP	ARLINGTON TX	38.7	CP	BDFCDVL	-20090211AAF

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	K66GD-LD	BEAUMONT2 TX	384.1	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	KBFW-LP	GAINESVILLE TX	BSTA -20071218ACX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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	K66GD-LD	BEAUMONT2 TX	421.3	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.
06	NEW	PORT LAVACA TX	BNPTVL -20000816AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
06	K22GT	LAKE CHARLES LA	351.7	APP	BDISDVL -20090401AWB
06	KCCZ-LP	CORPUS CHRISTI TX	116.3	APP	BDISDVL -20090630ABZ
06	KTXU-LP	WEST LAKE HILLS TX	220.3	APP	BDISDVL -20090630ACC
06	K66GD-LD	BEAUMONT2 TX	298.4	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	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	LIC	BLTVL	-20080811AAM
06	KBFW-LP	ARLINGTON TX	72.8	CP	BDFCDVL	-20090211AAF
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	K66GD-LD	BEAUMONT2 TX	379.9	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	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	K66GD-LD	BEAUMONT2 TX	354.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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