

OET-69 INTERFERENCE ANALYSIS [KBZO-LP, LUBBOCK, TX]

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-10-2009 Time: 17:37:16

Record Selected for Analysis

KBZO-LP USERRECORD-01 LUBBOCK TX US
Channel 51 ERP 15. kW HAAT 203. m RCAMSL 01183 m FULL SERVICE MASK
Latitude 033-31-33 Longitude 0101-52-07
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000016531 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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	203.5	50.0
45.0	11.962	218.2	49.7
90.0	6.693	231.5	47.4
135.0	5.683	214.8	45.7
180.0	6.855	201.5	45.9
225.0	5.683	183.0	43.9
270.0	6.693	180.9	44.6
315.0	11.962	191.2	48.1

Contour Overlap to Proposed Station

Station	
NEW 50 LUBBOCK	TX BNPTTL20000831BJW

Station inside contour of Digital LPTV station
KBZO-LP 51 LUBBOCK TX USERRECORD01

Station	
KBZO-LP 51 LUBBOCK	TX BLTTL20031208BYI

Station inside contour of Digital LPTV station
KBZO-LP 51 LUBBOCK TX USERRECORD01

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 OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN
51	KBZO-LP	LUBBOCK TX		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	K36HK	LUBBOCK TX	0.0	CP	BNPTTL	-20000831CAH
36	K36CC	TULIA TX	113.0	LIC	BLTTL	-20040408ABG
44	K44HH	LUBBOCK TX	6.4	LIC	BLTT	-20050801AHG
44	K44GL	PLAINVIEW TX	78.5	LIC	BLTT	-20050630AEW
44	K44JN	SEMINOLE TX	114.0	CP	BNPTT	-20000831ASK
44	K44FG	SNYDER TX	122.5	LIC	BLTT	-20010921AAD
47	KPTR-LP	LAMESA TX	95.1	LIC	BLTT	-19981221JF
47	K47IP	SNYDER TX	123.1	LIC	BLTT	-20060222AAF
48	K48GB	LUBBOCK TX	2.6	LIC	BLTTL	-20071009AKW
49	K49IH	LUBBOCK TX	0.0	CP	BNPTTL	-20000831BXH
49	KYLU-LP	LUBBOCK TX	0.0	CP	BNPTTL	-20000830BMS
49	KSGD-LP	SEMINOLE TX	114.3	LIC	BLTTL	-20000515ACX
49	KSGD-LP	SEMINOLE TX	115.5	CP	BPTTL	-20050323ACB
49	K49GT	SNYDER TX	123.1	LIC	BLTT	-20050427ABU
50	NEW	HOBBS NM	149.5	APP	BNPTT	-20000829AOY
50	NEW	HOBBS NM	149.5	APP	BNPTTL	-20000828AYJ
50	K50GM	HOBBS NM	142.4	LIC	BLTT	-20030716ADQ
50	NEW	HOBBS NM	149.5	APP	BNPTTL	-20000828ALV
50	K50KW	HOBBS NM	144.9	CP	BNPTTL	-20000829AFM
50	KAMT-LP	AMARILLO TX	202.0	LIC	BLTTL	-20050210ANE
50	NEW	BIG SPRING TX	146.8	APP	BNPTTL	-20000831AVL
50	NEW	BIG SPRINGS TX	150.4	APP	BNPTTL	-20000830BCE
50	K50CQ	CHILDRESS TX	181.6	LIC	BLTT	-19900212JG
50	NEW	LUBBOCK TX	6.8	APP	BNPTTL	-20000831BJW
50	K50JN	MIDLAND/ODESSA TX	169.1	CP	BNPTT	-20000830BGH
50	NEW	PLAINVIEW TX	78.5	APP	BNPTT	-20000830BOR
50	NEW	PLAINVIEW TX	76.7	APP	BNPTTL	-20000818ADY
50	K44GL	PLAINVIEW TX	78.5	CP	BDISDTT	-20080925AGG
51	K51CN	CARRIZOZO NM	406.4	CP	BPTT	-20050311AEH
51	K51CN	CARRIZOZO NM	382.0	LIC	BLTT	-19880726IE
51	K51DX	CLOVIS NM	150.0	CP	BPTT	-20060327AIK
51	K51DX	CLOVIS NM	160.0	LIC	BLTT	-19930421JH

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
36	K36HK	LUBBOCK TX	BNPTTL	-20000831CAH

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KUPT	HOBBS NM	144.9	CP MOD	BMPCDT	-20081016AFL
29	KUPT	HOBBS NM	144.9	PLN	DTVPLN	-DTVP1078
33	KWAB-TV	BIG SPRING TX	142.6	CP MOD	BMPCDT	-20040324AFC
33	KWAB-TV	BIG SPRING TX	142.6	PLN	DTVPLN	-DTVP1234
33	KWAB-TV	BIG SPRING TX	142.6	APP	BMPCDT	-20090528AIW
35	K35CG	BOVINA TX	149.6	CP	BDFCDTT	-20060403ACO
35	KJTV-TV	LUBBOCK TX	2.6	CP MOD	BMPCDT	-20061213AFW
35	KJTV-TV	LUBBOCK TX	2.6	PLN	DTVPLN	-DTVP1309
35	K35EM	QUITAQUE TX	119.2	CP	BDFCDTT	-20090702ACZ
36	KKNJ-LP	ALAMOGORDO NM	381.8	APP	BDFCDTT	-20060331AJK
36	NEW	HOBBS NM	149.5	APP	BNPTT	-20000829AOH
36	K36AB	LAWTON OK	353.0	CP	BDFCDTA	-20060630AHQ
36	K36IY-D	WEATHERFORD OK	360.9	CP	BDCCDTT	-20061030AEC
36	K36CA	MEMPHIS TX	183.7	CP	BDFCDTT	-20090717ADN
36	KZOD-LP	ODESSA TX	192.7	APP	BDISDTL	-20090518ADV
36	NEW	SAN ANGELO TX	264.4	APP	BSFDTL	-20060630BAR
36	NEW	SAN ANGELO TX	260.6	APP	BSFDTL	-20060630AXE
36	K36CC	TULIA TX	113.0	CP	BDFCDTT	-20090710AGN
39	KTXT-TV	LUBBOCK TX	6.6	CP	BPEDT	-20080619AFE
39	KTXT-TV	LUBBOCK TX	6.6	PLN	DTVPLN	-DTVP1417
39	KTXT-TV	LUBBOCK TX	6.6	LIC	BLEDT	-20031124AOZ
40	KLBK-TV	LUBBOCK TX	0.0	PLN	DTVPLN	-DTVP1451