

tvstudy v2.2.5 (V91R41)

Database: localhost, Study: kodf\_CH3\_2.5Kw, Model: Longley-Rice

Start: 2018.03.23 14:49:37

Study created: 2018.03.23 14:49:37

Study build station data: LMS TV 2018-03-19

Proposal: KODF-LD D3 LD LIC BRITTON, TX

File number: BLDL20100324ACQ

Facility ID: 52925

Station data: User record

Record ID: 36

Country: U.S.

Build options:

Protect baseline records from LPTV

Search options:

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KSFV-LD	D2	LD	LIC	DALLAS, TX	BLANK0000001483	0.0 km
No	K03IJ-D	D3	LD	CP	COLLEGE STATION, TX	BNPDVL20091020AAI	227.2
No	KHFW-LD	D4	LD	LIC	DALLAS, TX	BLDVL20130205ACX	67.2
Yes	KHFW-LD	D4	LD	CP	DALLAS, TX	BPDVL20130222ADL	26.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D3

Mask: Full Service

Latitude: 32 35 2.70 N (NAD83)

Longitude: 96 57 48.80 W

Height AMSL: 432.9 m

HAAT: 0.0 m

Peak ERP: 2.50 kW

Antenna: Omnidirectional

Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.50 kW	263.0 m	63.0 km
45.0	2.50	228.4	60.7
90.0	2.50	231.7	60.9
135.0	2.50	228.1	60.7
180.0	2.50	205.3	59.0
225.0	2.50	245.4	61.9
270.0	2.50	261.4	62.9
315.0	2.50	265.8	63.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 241 m

Distance to Canadian border: 1601.4 km

Distance to Mexican border: 520.5 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 189.0 degrees Distance: 578.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 320.9 degrees Distance: 1116.2 km

Study cell size: 0.50 km

Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

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Interference to BPDVL20130222ADL CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KHFW-LD	D4	LD	CP	DALLAS, TX	BPDVL20130222ADL	
Undesireds:	KODF-LD	D3	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	26.4 km
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	20896.8	6,292,076	20828.3	6,287,966	20828.3	6,287,966	20827.0 6,287,891 0.01 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
KODF-LD D3 LD LIC		1.2	75		1.2	75	

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Interference to proposal scenario 1  
3.11% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KODF-LD	D3	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	
Undesireds:	KSFV-LD	D2	LD	LIC	DALLAS, TX	BLANK0000001483	0.0 km
	KHFW-LD	D4	LD	LIC	DALLAS, TX	BLDVL20130205ACX	67.2
	Service area		Terrain-limited		IX-free	Percent IX	
	11810.6	5,325,232	11767.8	5,322,851	10542.9	5,157,416	10.41 3.11
Undesired			Total IX		Unique IX	Prcnt Unique IX	
KSFV-LD D2 LD LIC		1224.8	165,435	1224.6	165,435	10.41 3.11	
KHFW-LD D4 LD LIC		0.2	0	0.0	0	0.00 0.00	

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Interference to proposal scenario 2  
25.57% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KODF-LD	D3	LD	LIC	BRITTON, TX	BLDTL20100324ACQ	
Undesireds:	KSFV-LD	D2	LD	LIC	DALLAS, TX	BLANK0000001483	0.0 km
	KHFW-LD	D4	LD	CP	DALLAS, TX	BPDVL20130222ADL	26.4
	Service area		Terrain-limited		IX-free	Percent IX	
	11810.6	5,325,232	11767.8	5,322,851	9462.6	3,961,553	19.59 25.57
Undesired			Total IX		Unique IX	Prcnt Unique IX	
KSFV-LD D2 LD LIC		1224.8	165,435	922.7	49,932	7.84 0.94	
KHFW-LD D4 LD CP		1382.5	1,311,366	1080.3	1,195,863	9.18 22.47	