

DISPLACEMENT APPLICATION
JOSEPH W. SHAFFER
KTDF-LP LPTV STATION
CH 23- - 524-530 MHZ - 12.0 KW
SAN ANTONIO, TEXAS
January 2010

EXHIBIT A

Outgoing Interference Population Report

Proposed KTDF-LP (Channel 23-) San Antonio, Texas
Broadcast Type: NTSC Service: X
Lat: 29-25-41 N Lng: 098-29-32 W ERP: 12.0 kW AMSL: 345.0 m
TV Outgoing Interference Study
Signal Resolution: 1.0 km
Consider NTSC Taboo: Yes
KWX error points are considered to
be interference free coverage.
Default # of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 0.1 km
Masked interference points are being counted
as interference free.
Using LPTV/translator D/U rules.
Pop Centroid DB: 2000 US Census (SF1)

Study Date: 1/14/2010
TV Database Date: 1/14/2010

Primary Terrain: V-Soft 3 Second US Terrain
Secondary Terrain: V-Soft 30 Second US Database

Population Database: 2000 US Census (SF1)

Stations Considered:

Call Letters	City	State	Dist	Bear
KMXU-LP.C (15+)	San Antonio	TX	2.0	317.8
KMXU-LP (15+)	San Antonio	TX	2.0	317.8
K60GE.A (19-)	San Antonio	TX	43.8	297.6
KOBS-LP.A (19-)	San Antonio	TX	1.9	79.7
KOBS-LP (19-)	San Antonio	TX	2.0	317.6
K20BW (20-)	San Antonio	TX	12.7	323.0
KXTM-LP (21-)	San Antonio	TX	27.1	123.1
KXTM-LP.C (21-)	San Antonio	TX	1.4	142.2
KXTM-LP.A (21-)	San Antonio	TX	1.4	142.2
KLRU-D (22)	Austin	TX	119.4	33.7
1147420-D.A (22)	Uvalde	TX	129.2	259.4
1153488-D.A (22)	San Antonio	TX	2.0	317.8
KMAY-LP (23-)	Bryan	TX	243.3	54.4
KXLK-LD-D.C (23)	Austin	TX	119.5	33.8
KLTJ-D.A (23)	Galveston	TX	316.4	91.8
KLTJ-D (23)	Galveston	TX	289.6	86.1

DISPLACEMENT APPLICATION**JOSEPH W. SHAFFER****KTDF-LP LPTV STATION****CH 23- - 524-530 MHZ - 12.0 KW****SAN ANTONIO, TEXAS****January 2010****EXHIBIT A (continued)**

Call Letters	City	State	Dist	Bear
KUVN-DT.C (23)	Garland	TX	379.3	22.1
KLTJ-D.C (23)	Galveston	TX	289.6	86.1
KEDT-D (23)	Corpus Christi	TX	216.4	155.0
KMAY-LP-D.C (23)	Bryan	TX	243.3	54.4
KSVH-LP (23+)	Victoria	TX	163.8	116.1
K23IA (23+)	San Angelo	TX	292.1	321.3
KMXU-LD-D.C (24)	San Antonio	TX	2.0	317.8
KGMM-LD-D.C (24)	San Antonio	TX	27.1	123.2
KVAW-D.A (24)	Eagle Pass	TX	122.0	238.3
KEVI-LP (25-)	San Antonio	TX	23.9	27.0
KVDF-CA (31+)	San Antonio	TX	2.1	315.0
KVDF-CA.A (31+)	San Antonio	TX	2.0	317.9

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
KMXU-LP.C (15+)	0.0	0	1,409,209		0		0	0.0
KMXU-LP (15+)	0.0	0	594,898		0		0	0.0
K60GE.A (19-)	0.0	0	1,088,712		0		0	0.0
KOBS-LP.A (19-)	0.0	0	991,441		0		0	0.0
KOBS-LP (19-)	0.0	0	834,573		0		0	0.0
K20BW (20-)	0.0	0	1,124,808		0		0	0.0
KXTM-LP (21-)	0.0	0	396,062		0		0	0.0
KXTM-LP.C (21-)	0.0	0	474,345		0		0	0.0
KXTM-LP.A (21-)	0.0	0	474,458		0		0	0.0
KLRU-D (22)	0.0	0	1,942,845		0		0	0.0
1147420-D.A (22)	0.0	0	22,391		0		0	0.0
1153488-D.A (22)	0.0	0	602,128		0		0	0.0
KMAY-LP (23-)	0.0	0	134,991		0		0	0.0
KXLK-LD-D.C (23)	0.0	0	1,078,553		0		0	0.0
KLTJ-D.A (23)	0.0	0	482,791		0		0	0.0
KLTJ-D (23)	0.0	0	4,289,757		0		0	0.0
KUVN-DT.C (23)	0.0	0	5,441,215		0		0	0.0
KLTJ-D.C (23)	0.0	0	4,801,509		0		0	0.0
KEDT-D (23)	0.0	0	486,747		0		0	0.0
KMAY-LP-D.C (23)	0.0	0	181,642		0		0	0.0
KSVH-LP (23+)	0.0	0	39,656		0		0	0.0
K23IA (23+)	0.0	0	105,770		0		0	0.0
KMXU-LD-D.C (24)	0.0	0	204,682		0		0	0.0
KGMM-LD-D.C (24)	0.0	0	1,481,144		0		0	0.0
KVAW-D.A (24)	0.0	0	1,069,282		0		0	0.0
KEVI-LP (25-)	0.0	0	356,472		0		0	0.0
KVDF-CA (31+)	0.0	0	1,182,212		0		0	0.0
KVDF-CA.A (31+)	0.0	0	1,347,135		0		0	0.0