Study created: 2017.10.28 16:41:46

Study build station data: LMS TV 2017-10-27 (57)

Proposal: KSHV-TV D16 DT CP SHREVEPORT, LA
File number: Proposed
Facility ID: 73706
Station data: User record
Record ID: 2052
Country: U.S.
Zone: II

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KYTX	D15	DT	CP	NACOGDOCHES, TX	BLANK0000027990	137.3 km
KYTX	D15	DT	BL	NACOGDOCHES, TX	DTVBL55644	137.3
KVTH-DT	D16	DT	CP	HOT SPRINGS, AR	BLANK0000028415	206.6
KVTH-DT	D16	DT	BL	HOT SPRINGS, AR	DTVBL608	206.7
KBTX-TV	D16	DT	APP	BRYAN, TX	BLANK0000034192	307.4
KLTS-TV	D17	DT	CP	SHREVEPORT, LA	BLANK0000028110	1.5
KLTS-TV	D17	DT	BL	SHREVEPORT, LA	DTVBL38591	1.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Latitude: 32 39 58.50 N (NAD83)
Longitude: 93 56 0.70 W
Height AMSL: 568.5 m
HAAT: 504.9 m
Peak ERP: 442 kW
Antenna: Dielectric-TFU-30DSC/VP-R P220 (ID 1001862) 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 0.8

38.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	204 kW	510.6 m	104.7 km
45.0	146	514.4	102.0
90.0	97.6	516.6	98.6
135.0	358	500.3	109.2
180.0	204	497.3	103.6
225.0	146	481.2	99.1
270.0	97.6	504.0	97.5
315.0	358	514.6	110.3

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1400.8 km

Distance to Mexican border: 755.1 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 214.2 degrees Distance: 693.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 312.6 degrees Distance: 1304.5 km

No land mobile station failures found

Study cell size: 2.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

**MX with BLANK0000034192 APP, 1.24% interference, scenario 1
**MX with BLANK0000034192 APP, 1.24% interference, scenario 2
**MX with BLANK0000034192 APP, 1.24% interference, scenario 3
**MX with BLANK0000034192 APP, 1.24% interference, scenario 4
**MX with BLANK0000034192 APP, 1.28% interference, scenario 5
**MX with BLANK0000034192 APP, 1.28% interference, scenario 6
**MX with BLANK0000034192 APP, 1.28% interference, scenario 7
**MX with BLANK0000034192 APP, 1.28% interference, scenario 8