

K33QJ-D CH 33 FI 184099
TEXARKANA, AR

Minor Change: MOVE TO ASR 104762. Change antenna make and model, reduce ERP and RCAGL.
Controlled access site, no new construction.

Study created: 2022.07.27 08:46:20

Study build station data: LMS TV 2022-07-24

Proposal: K33QJ-D D33 LD CP TEXARKANA, AR
File number: ASR 1047962
Facility ID: 184099
Station data: User record
Record ID: 302
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KTEV-LD	N19+	TX	LIC	TEXARKANA, AR	BLTTL20061211AAB	24.9 km
No	K21OZ-D	N30-	TX	LIC	SHREVEPORT, LA	BLTTL19950412IB	26.6
No	KARK-TV	D32	DT	LIC	LITTLE ROCK, AR	BLANK0000149977	195.3
Yes	KPXJ	D32	DT	LIC	MINDEN, LA	BLANK0000192991	110.5
No	KHMF-LD	D33+	LD	LIC	FORT SMITH, AR	BLANK0000116534	207.8
No	KNWA-TV	D33	DT	LIC	ROGERS, AR	BLANK0000106176	305.7
No	KLPA-TV	D33	DT	LIC	ALEXANDRIA, LA	BLANK0000063603	276.3
No	K33MS-D	D33	LD	CP	MONROE, LA	BLANK0000178373	221.3
No	WNBD-LD	D33	LD	LIC	GREENWOOD, MS	BLDTL20101020ACE	333.8
No	KUOC-LD	D33	LD	LIC	ENID, OK	BLANK0000157473	326.3
No	KOCB	D33	DT	LIC	OKLAHOMA CITY, OK	BLANK0000121773	372.0
No	WPXX-TV	D33	DT	LIC	MEMPHIS, TN	BLANK0000063435	430.8
No	KTBU	D33	DT	LIC	CONROE, TX	BLANK0000072275	474.6
No	KUVN-DT	D33	DT	LIC	GARLAND, TX	BLANK0000186958	290.6
No	KGW-LD	D33	LD	LIC	PORT ARTHUR, TX	BLANK0000156926	410.6
No	KSJF-CD	D34	DC	LIC	FORT SMITH, AR	BLANK0000116533	207.8
No	KASN	D34	DT	LIC	PINE BLUFF, AR	BLANK0000073008	195.7
Yes	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLANK0000192923	112.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D33
Mask: Simple
Latitude: 33 40 1.00 N (NAD83)
Longitude: 94 7 33.00 W
Height AMSL: 111.0 m
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: Sam-SAMCO160 (ID 1009817) 160.0 deg
Elev Pattn: Generic
Mech Tilt: 1.00 @ 180.0 deg

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	23.3 m	3.3 km
45.0	0.004	26.5	4.3
90.0	0.004	18.8	4.5
135.0	0.068	18.7	8.8
180.0	0.079	24.5	9.1

225.0	0.007	20.5	5.1
270.0	0.003	10.1	4.2
315.0	0.001	12.6	3.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 19 m

Distance to Canadian border: 1329.8 km

Distance to Mexican border: 800.6 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 208.4 degrees Distance: 779.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.3 degrees Distance: 1218.1 km

Study cell size: 1.00 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%

No IX check failures found.

K33QJ-D.C

0000072734

Latitude: 33-35-06.80 N

Longitude: 094-02-29.30 W

ERP: 15.00 kW

Channel: 33

Frequency: 587.0 MHz

AMSL Height: 164.8 m

Elevation: 94.8 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 1.0

Mech Tilt: 1.0

Tilt Azi: 180.0

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0

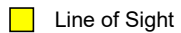
Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Model Product



Line of Sight

