

Study created: 2019.01.14 17:22:03

Study build station data: LMS TV 2019-01-14

Proposal: KHM-F-D D33 LD APP FORT SMITH, AR  
File number: BLANK00000036888  
Facility ID: 58284  
Station data: User record  
Record ID: 17  
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	K25GJ	N25+	TX	LIC	MUSKOGEE, OK	BLTT20051206ADA
86.4					km	
No	KPBI-CD	D32	DC	LIC	BENTONVILLE, AR	BLANK00000055355
71.2						
No	KARK-TV	D32	DT	LIC	LITTLE ROCK, AR	BMLCDT20121102ACP
188.5						
No	KCLG-LD	D32	LD	LIC	NEOSHO, MO	BLDTL20120522ADN
150.3						
No	KRSU-TV	D32	DT	CP	CLAREMORE, OK	BLANK00000025823
147.7						
No	K32IW-D	D32	LD	CP	TULSA, OK	BDCCDTT20081211AAD
171.5						
No	K33MV-D	D33	LD	CP	PARAGOULD, AR	BNPDTL20101019AAP
366.1						
Yes	KNWA-TV	D33	DT	CP	ROGERS, AR	BLANK00000027617
105.7						
No	KGKC-LD	D33	LD	LIC	LAWRENCE, KS	BLANK00000063669
388.9						
No	WIBW-TV	D33	LD	CP	TOPEKA, KS	BLANK00000054107
414.3						
No	KSCW-DT	D33	LD	LIC	WICHITA, KS	BLCDT20120606ABO
359.7						
No	KLPA-TV	D33	DT	LIC	ALEXANDRIA, LA	BLANK00000063603
471.5						
No	K33MS-D	D33	LD	CP	MONROE, LA	BLANK00000036216
382.0						
No	K33MN-D	D33	LD	CP	JEFFERSON CITY, MO	BLANK00000001282
407.0						
No	K32KV-D	D33	LD	CP	JEFFERSON CITY, MO	BLANK00000052930
365.3						
No	KDSI-LD	D33	LD	CP	JOPLIN, MO	BDCCDTL20110215AAK
173.1						
No	K33NG-D	D33	LD	CP	SPRINGFIELD, MO	BDCCDTT20121214ADU
227.4						
No	WNBD-LD	D33	LD	LIC	GRENADA, MS	BLDTL20101020ACE
425.1						
No	KUOC-LD	D33	LD	CP	ENID, OK	BLANK00000052463
167.0						
No	KOCB	D33	DT	LIC	OKLAHOMA CITY, OK	BLCDT20060615AAL
281.7						
No	WPXX-TV	D33	DT	LIC	MEMPHIS, TN	BLANK00000063435

414.7	No	WFBI-LD	D33	LD	LIC	SOUTH EAST MEMPHIS, TN	BLDTL20100715AF0
414.5	No	K31GL-D	D33	LD	CP	DE SOTO, TX	BDISDTL20090618AAAY
404.4	No	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK00000063068
404.4	No	KPKN-LD	D33	LD	LIC	TYLER, TX	BLANK00000008908
374.4	Yes	KWFT-LP	N34z	TX	LIC	FORT SMITH, AR	BLTTL20021115AAI
0.0	No	KWMO-LD	D34	LD	LIC	HOT SPRINGS, AR	BLDTL20141201BA0
178.7	No	KASN	D34	DT	CP	PINE BLUFF, AR	BLANK00000034796
230.4	No	K41KX-D	D34	LD	CP	JOPLIN, MO	BLANK00000058756
169.7	No	KSPR-LD	D34	LD	CP	SPRINGFIELD, MO	BLANK00000052519
223.7	No	K34ML-D	D34	LD	CP	MC ALESTER, OK	BNPDTL20100511ABJ
156.0	No	KSJF-CD	D34	DC	LIC	POTEAU, OK	BLANK00000064259
0.0	No	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK00000058928
130.2	No	K34LT-D	D34	LD	CP	VIAN, OK	BNPDTL20100504AMA
48.8							

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: Full Service  
 Latitude: 35 31 30.20 N (NAD83)  
 Longitude: 94 22 28.20 W  
 Height AMSL: 346.3 m (Adjusted based on actual ground elevation calculation)  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: ACS16A 0.0 deg  
 Elev Pattn: Generic  
 Elec Tilt: 0.50

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.5 kW	65.3 m	37.8 km
45.0	12.9	52.4	35.2
90.0	15.0	133.4	46.0
135.0	13.1	178.9	48.4
180.0	13.5	198.7	49.7
225.0	2.51	163.0	38.9
270.0	0.787	145.9	31.8
315.0	2.51	100.8	34.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 130 m

Distance to Canadian border: 1205.9 km

Distance to Mexican border: 916.8 km

Conditions at FCC monitoring station: Grand Island NE  
Bearing: 330.7 degrees Distance: 696.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 301.4 degrees Distance: 1079.8 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%

---- Below is IX received by proposal BLANK00000036888 ----

Proposal receives 2.65% interference from scenario 1  
No IX check failures found.