

Study created: 2018.07.22 13:23:14

Study build station data: LMS TV 2018-07-17 (11)

Proposal: K49GV-D D29 LD APP \*P DEMING, NM  
File number: BLANK0000053177  
Facility ID: 126822  
Station data: LMS TV 2018-07-17 (11)  
Record ID: 25076ff362bbf2a10162dbd5a88449b1  
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	K25DI-D	N25	TX	LIC	SILVER CITY, NM
	BLTT19910325JS			93.3 km	
No	K28MN-D	D28	LD	CP	SAN SIMON, AZ
	BNPDTL20100504AMT			153.2	
No	K18LP-D	D28+	LD	APP	CABALLO, NM
	BLANK0000054644			93.1	
No	K28GJ-D	D28	LD	LIC	HATCH, NM
	BLDTT20100115ACL			75.6	
No	K28LK-D	D28	LD	LIC	SILVER CITY, NM
	BLDTT20120216ACU			95.1	
No	KGRQ-LD	D29	LD	LIC	GILA RIVER INDIAN CO, AZ
	BLANK0000001686			406.7	
No	K29KO-D	D29	LD	CP	GILA RIVER INDIAN CO, AZ
	BNPDTL20100713APR			382.8	
No	KDOS-LD	D29	LD	LIC	GLOBE, AZ
	BLDTL20120306ABF			324.7	
No	KTAZ	D29	DT	CP	PHOENIX, AZ
	BLANK0000034901			434.9	
No	KPCE-LP	N29-	TX	LIC	TUCSON, AZ
	BLTTL20080605AAT			329.9	
No	KAPT-LP	N29-	TX	LIC	ALAMOGORDO, NM
	BLTTL19911205JF			176.2	
No	K29FM-D	D29	LD	LIC	ARTESIA, NM
	BLDTT20071205ADC			306.6	
No	KUPT	D29	DT	LIC	HOBBS, NM
	BLCDT20081125ADR			427.3	
No	KWBQ	D29	DT	LIC	SANTA FE, NM
	BLANK0000004459			352.3	
No	K29KT-D	D29	LD	LIC	THOREAU, NM
	BLDTT20130128ADX			368.3	
Yes	K29LC-D	D29	LD	LIC	TRUTH OR CONSEQUENCE, NM
	BLDTT20131022ANI			110.1	
No	KLCP-LP	N30	TX	LIC	LAS CRUCES, NM
	BLTTL19990419JD			83.0	

No K30KU-D D30 LD LIC SILVER CITY, NM  
 BLDTT20110915ABI 93.3  
 No K31DR N31 TX LIC CABALLO, NM  
 BLTT20041021AEZ 93.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29  
 Mask: Full Service  
 Latitude: 32 11 40.30 N (NAD83)  
 Longitude: 107 36 33.00 W  
 Height AMSL: 1727.0 m  
 HAAT: 0.0 m  
 Peak ERP: 4.35 kW  
 Antenna: SCA-PR-TV-17 (ID 23502) 315.0 deg  
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.024 kW	423.4 m	25.0 km
45.0	0.010	452.8	21.2
90.0	0.007	470.2	19.8
135.0	0.003	447.3	15.1
180.0	0.007	60.5	7.2
225.0	0.010	371.7	19.3
270.0	0.024	423.2	25.0
315.0	4.35	424.0	55.3

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m Computed HAAT: 384 m

Distance to Canadian border: 1867.9 km

\*\*Proposal is within coordination distance of Mexican border  
 Distance to Mexican border: 45.7 km

Conditions at FCC monitoring station: Douglas AZ  
 Bearing: 248.8 degrees Distance: 207.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 12.8 degrees Distance: 905.6 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.