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Study build station data: LMS TV 2018-05-27 (72)

Proposal: K38IM D34 LD LIC ALBUQUERQUE, NM
File number: BLTTL20060414AAE
Facility ID: 40743
Station data: User record
Record ID: 1781
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KRTN-TV	D33	DD	APP	DURANGO, CO	BPCDT20130201BGY	262.0 km
No	KRTN-TV	D33	DT	LIC	DURANGO, CO	BLCDT20081029AAA	262.0
No	K33GA-D	D33	LD	LIC	GRANTS, MILAN, NM	BLDTT20110510ACI	132.2
No	K33FL-D	D33	LD	LIC	LAS VEGAS, NM	BLANK0000008071	116.3
No	K44CZ-D	D33	LD	APP	PENASCO, NM	BLANK0000049079	131.0
No	K33BN-D	D33z	LD	LIC	Picuris Pueblo, NM	BLANK0000040298	131.0
No	K33BN-D	N33z	TX	LIC	Picuris Pueblo, NM	BLTT20050912AAD	154.9
No	K46HY-D	D33	LD	APP	SOCORRO, NM	BLANK0000053884	135.3
No	K33MK-D	D33	LD	CP	TAOS, NM	BNPDTT20100730ADS	154.9
No	K42DI-D	D34	LD	APP	BAYFIELD & IGNACIO, CO	BLANK0000053303	237.8
No	K41DE-D	D34	LD	APP	CORTEZ, CO	BLANK0000054232	283.3
No	K34IA-D	D34	LD	LIC	DOVE CREEK, ETC, CO	BLDTT20120615ABN	358.4
No	K51DI-D	D34	LD	APP	SARGENTS, CO	BLANK0000034297	365.1
No	K34GI	N34+	TX	LIC	TRINIDAD, CO	BLTTL20050613ABW	284.1
No	K34GI	D34	LD	CP	TRINIDAD, CO	BDFCDTL20090824ACG	284.1
No	K34CR	N34	TX	LIC	ALAMOGORDO, ETC., NM	BLTT19890703IB	270.1
Yes	K34FU	N34-	TX	LIC	ARREY & DERRY, NM	BLTT20040325ACF	259.2
Yes	K34HF-D	D34	LD	LIC	CUBA, NM	BLDTT20060718ABG	95.7
No	KFNM-LD	D34	LD	LIC	FARMINGTON, NM	BLANK0000007539	224.6
No	K34GU	N34+	TX	LIC	FORT SUMNER, NM	BLTT20060105AAU	207.8
Yes	NEW	D34	LD	APP	MAGDALENA, NM	BNPDTL20100513AEA	188.0
No	K34FQ-D	D34	LD	LIC	ROY, NM	BLDTT20110804AAE	217.4
No	DK34GL	D34	LD	APP	SANTA ROSA, NM	BDFCDTT20120604ADW	163.4
No	K42IK-D	D34	LD	APP	TOHATCHI, NM	BLANK0000053917	223.8
No	K34JO-D	D34	LD	LIC	BLUFF & AREA, UT	BLDTT20091222AMM	360.0
No	K34JN-D	D34	LD	LIC	MONTEZUMA CREEK-ANET, UT	BLDTT20091222AML	341.3
No	KNME-TV	D35	DT	LIC	ALBUQUERQUE, NM	BLEDT20030218BNH	0.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34
Mask: Full Service
Latitude: 35 12 49.80 N (NAD83)
Longitude: 106 27 3.30 W
Height AMSL: 3261.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: JAM-JA/LS-FB-8 (ID 19558) 120.0 deg
Elev Pattn: Generic

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.794 kW	1191.7 m	58.4 km
45.0	12.4	1231.7	80.1
90.0	4.70	1106.8	69.7
135.0	1.54	905.9	58.7
180.0	15.0	1002.2	76.6
225.0	3.11	1506.2	71.3
270.0	0.600	1577.0	60.2
315.0	0.828	1474.2	61.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 1249 m

Distance to Canadian border: 1532.3 km

Distance to Mexican border: 381.3 km

Conditions at FCC monitoring station: Douglas AZ

Bearing: 216.7 degrees Distance: 508.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 10.6 degrees Distance: 555.2 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.