

**MINOR CHANGE IN LICENSED FACILITY
K35DZ/KQAF-LD
FCC FILE NUMBER BLDTT-20130124AEN
DENVER DIGITAL TV, LLC, LA JUNTA/PUEBLO, CO**

The within application is for filing a minor change to the above-entitled facility at new site on tower ASR 1057610. The change, a move of less than 30 miles and with contour overlap, includes an increase in power to 15.0 kW ERP, Modification of digital mask filter to stringent, increase of HAGL to 80M.

Antenna specified is a SCA PR-450 Antenna array, rotated to 120° T. Detailed antenna data is attached to the within exhibit.

NIER is less than 5% of the limit for this service; signage, power reduction protocol and fencing will be used to prevent excess NIER to any party, including site employees or contractors.

TV Study run attached hereto demonstrates no IX check failures found.

J. R. McDonald
Jun 30, 2021

Study created: 2021.05.24 19:20:23

Study build station data: LMS TV 2021-05-24

Proposal: K35DZ-D D35 LD LIC LA JUNTA, CO

File number: BLDTT20130124AEN

Facility ID: 22867

Station data: User record

Record ID: 1602

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	K28GE	N28+	TX	LIC	WOODLAND PARK, CO	BLTTL19991203AAV	128.0 km
No	K34LN-D	D34	LD	LIC	CHEYENNE WELLS, CO	BLDTT20111007AEJ	145.6
No	KWGN-TV	D34	DT	LIC	DENVER, CO	BLANK0000128311	202.3
No	K34NM-D	D34	LD	LIC	LAMAR, CO	BLANK0000105792	139.7
Yes	KTLP-LD	D34z	LD	LIC	PUEBLO, CO	BLANK0000144938	51.7
No	KTLP-LD	N34z	TX	LIC	PUEBLO, CO	BLTTL20100505AHF	51.7
No	K34GI	N34+	TX	LIC	TRINIDAD, CO	BLTTL20050613ABW	113.0
No	K34GI	D34	LD	CP	TRINIDAD, CO	BDFCDTL20090824ACG	113.0
No	K35OR-D	D35	LD	LIC	AGUILAR, CO	BLANK0000074729	103.1
No	K35FI-D	D35	LD	LIC	AKRON, CO	BLDTT20110210ACK	247.1
No	K35IX-D	D35	LD	LIC	BASALT, CO	BLDTT20091221ABH	296.4
No	K35LU-D	D35	LD	CP	BURLINGTON, CO	BNPDTL20100514AFS	184.6
No	K35CH-D	D35	LD	LIC	CORTEZ, MANCOS, ETC, CO	BLDTT20090522ABN	373.4
No	K35LJ-D	D35	LD	LIC	CRESTED BUTTE, CO	BLDTT20120522ADQ	268.8
No	K35OO-D	D35	LD	LIC	DEL NORTE, CO	BLANK0000074726	202.3
Yes	KCNC-TV	D35	DT	LIC	DENVER, CO	BLANK0000086445	201.9

No	KXZQ-LD	D35	LD LIC	DURANGO, CO	BLANK0000082596	355.6
No	K35GO-D	D35	LD LIC	HAXTUN, CO	BLDTT20110928AKH	298.0
No	K35OK-D	D35	LD LIC	JULESBURG, CO	BLANK00000117516	334.6
No	K35OM-D	D35	LD LIC	LA VETA, CO	BLANK0000074727	114.5
No	K35JS-D	D35	LD LIC	LAMAR, CO	BLDTT20110509ADE	139.7
Yes	K40DP-D	D35	LD LIC	LAS ANIMAS, CO	BLANK00000146723	69.6
Yes	K40DP-D	D35	LD CP	LAS ANIMAS, CO	BLANK0000052163	69.6
No	K35NQ-D	D35	LD LIC	Mesa, CO	BLANK0000072774	378.6
No	K39MK-D	D35	LD LIC	MONTROSE, CO	BLANK0000059717	319.5
No	K42JR-D	D35	LD LIC	PAONIA, CO	BLANK0000063247	325.7
No	K35OQ-D	D35	LD LIC	SAN LUIS, CO	BLANK0000074728	164.1
No	K45MB-D	D35	LD CP	SNOWMASS VILLAGE, CO	BLANK0000075124	275.9
No	K35OL-D	D35	LD LIC	YUMA, CO	BLANK00000117622	242.1
No	KNME-TV	D35	DT LIC	ALBUQUERQUE, NM	BLANK00000131933	394.0
No	K35FP	D35	LD LIC	TUCUMCARI, NM	BLANK00000001694	339.4
No	KMZB-LD	D35	LD CP	AMARILLO, TX	BLANK0000071925	379.6
No	KENY-LP	D36-	LD CP	ALAMOSA, CO	BLANK0000054351	179.9
No	K36LB-D	D36	LD LIC	CHEYENNE WELLS, CO	BLDTT20111007AEI	145.6
No	K36JB-D	D36	LD LIC	CRIPPLE CREEK, CO	BLDTT20100108AAS	120.3
No	KDVR	D36	DT LIC	DENVER, CO	BLANK00000128319	201.9
No	K11XJ-D	N43z	TX LIC	COLORADO SPRINGS, CO	BLTTL20030604ACP	96.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35

Mask: Stringent

Latitude: 38 10 35.00 N (NAD83)

Longitude: 104 1 25.00 W

Height AMSL: 1485.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: SCA-PR-450 ARRAY (ID 110852) 120.0 deg

Elev Pattn: Generic

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.138 kW	38.6 m	11.6 km
45.0	0.134	88.1	17.4
90.0	0.542	146.2	29.7
135.0	5.96	157.4	42.8
180.0	0.138	146.1	22.8
225.0	0.134	131.9	21.5
270.0	0.542	133.3	28.9
315.0	5.96	69.9	34.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 114 m

Distance to Canadian border: 1203.0 km

Distance to Mexican border: 746.1 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 55.8 degrees Distance: 568.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 335.1 degrees Distance: 242.9 km

ERP: 0.368 kW Field strength: -14.7 dBu, 0.0 mV/m

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.