

FCC TVSTUDY SUMMARY

Proposal: K380Y-D D29 LD APP CHAPMAN, KS
 File number: BNPDTL20100514AHY
 Facility ID: 186919
 Station data: User record
 Record ID: 525
 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	K26PI-D	N15z	TX	LIC	SALINA, KS	BLTTL19880714IH	48.7 km
No	KWKD-LD	D28	LD	LIC	WICHITA, KS	BLANK0000153828	136.3
No	KWKD-LD	N28+	TX	LIC	WICHITA, KS	BLTT20050801AHP	143.5
No	KCMN-LD	D28	LD	LIC	Kansas city, MO	BLANK0000124482	221.7
No	KHNE-TV	D28	DT	LIC	HASTINGS, NE	BLANK0000074810	217.8
No	KWOG	D29	DT	LIC	SPRINGDALE, AR	BLANK0000049027	394.9
No	KBWF-LD	D29	LD	LIC	SIOUX CITY, IA	BLANK0000063408	392.6
No	KSAS-LP	D29	LD	LIC	DODGE CITY, KS	BLDTL20140106DOA	292.2
No	K29JU-D	D29	LD	CP	GARDEN CITY, KS	BNPDTL20100108ADI	344.5
No	KHDS-LD	D29	LD	LIC	SALINA, KS	BLANK0000059140	53.6
No	K15DD-D	D29	LD	CP	WICHITA, KS	BLANK0000130643	138.9
No	KRCG	D29	DT	CP	JEFFERSON CITY, MO	BLANK0000145041	432.1
No	KJLN-LD	D29	LD	CP	Joplin, MO	BLANK0000143697	308.3
No	KJLN-LD	D29	LD	LIC	Joplin, MO	BLANK0000143105	299.9
No	KMBC-TV	D29	DT	LIC	KANSAS CITY, MO	BLANK0000153380	221.2
No	KMBC-TV	D29	DT	LIC	KANSAS CITY, MO	BLCDT20090618ACY	221.1
No	KSFZ-LD	D29+	LD	CP	Springfield, MO	BLANK0000130705	410.1
No	KWNB-LD	D29	LD	LIC	MCCOOK, NE	BLDTL20070619AAU	337.0
No	K29KK-D	D29	LD	CP	NORFOLK, NE	BDCCDTL20120206AAL	304.5
No	KXVO	D29	DT	LIC	OMAHA, NE	BLANK0000078842	243.9
No	KTUZ-TV	D29	DT	LIC	SHAWNEE, OK	BLCDT20081105ACO	381.3
No	KTZT-CD	D29	DC	CP	TULSA, OK	BLANK0000036113	327.6
No	KTZT-CD	D29	DC	LIC	TULSA, OK	BLDTA20120430AEA	327.6
No	K29HZ-D	D29	LD	LIC	WOODWARD, ETC., OK	BLDTT20101007ABM	330.5
No	KGBD-LD	D30	LD	LIC	GREAT BEND, KS	BLDTL20121217ACU	156.4
No	K30NO-D	D30	LD	CP	PAXICO, KS	BNPDTL20100514AIC	77.9
No	K30LK-D	D30	LD	CP	SALINA, KS	BNPDTL20100419ACL	53.5
No	KSMI-LD	D30	LD	LIC	WICHITA, KS	BLANK0000011260	136.3
No	KPXE-TV	D30	DT	LIC	KANSAS CITY, MO	BLANK0000001701	221.2
No	DK31BW	N31	TX	APP	MANHATTAN, KS	BLTTL19890119II	48.3
No	KQKC-LP	N32z	TX	LIC	TOPEKA, KS	BLTTL20100128AAE	79.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
 Mask: Full Service
 Latitude: 38 58 29.00 N (NAD83)
 Longitude: 97 4 24.20 W
 Height AMSL: 396.4 m
 HAAT: 0.0 m
 Peak ERP: 1.00 kW
 Antenna: SCA CL-1469B
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	32.2 m	1.9 km
45.0	0.514	31.7	15.1
90.0	0.659	58.6	22.3
135.0	0.000	24.9	1.8
180.0	0.000	26.0	1.8
225.0	0.000	46.5	2.3
270.0	0.000	22.9	1.8
315.0	0.000	4.7	1.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 31 m

Distance to Canadian border: 1092.5 km

Distance to Mexican border: 1096.9 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 332.4 degrees Distance: 245.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 282.9 degrees Distance: 709.9 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 BNPDTL20100514AHY ----

Proposal receives 16.74% interference from scenario 1

Proposal receives 16.74% interference from scenario 2

No IX check failures found.