

FCC TVSTUDY SUMMARY

Proposal: K38NJ-D D17 LD APP BRERESFORD, SD
 File number: BNPDTL20100505AES
 Facility ID: 185938
 Station data: User record
 Record ID: 513
 Country: U.S.

Build options:
 Protect pre-transition records not on baseline channel

Search options:
 Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KMJF-LD	D16	LD	LIC	COLUMBUS, NE	BLANK0000055199	184.3 km
No	K17MH-D	D17	LD	CP	CEDAR FALLS, IA	BLANK0000138217	327.4
No	KEOF-LD	D17	LD	CP	FORT DODGE, IA	BLANK0000071899	220.6
No	KDAO-CD	D17-	DC	LIC	MARSHALLTOWN, IA	BLANK0000068435	336.9
No	KDAO-CD	D17-	DC	CP	MARSHALLTOWN, IA	BLANK0000156214	326.3
No	KAAS-TV	D17	DT	CP	SALINA, KS	BLANK0000035657	444.2
No	KAAS-TV	D17	DT	LIC	SALINA, KS	BLCDT20021120AAP	444.2
No	K470Q-D	D17	LD	LIC	ALEXANDRIA, MN	BLANK0000063269	335.2
No	K17MX-D	D17	LD	LIC	FROST, MN	BLANK0000062750	239.2
No	K17MY-D	D17	LD	LIC	JACKSON, MN	BLANK0000064443	157.7
No	K17BV-D	D17	LD	LIC	REDWOOD FALLS, MN	BLDTT20120604AAY	220.3
Yes	K17MA-D	D17	LD	CP	RUSHMORE, MN	BNPDTL20100510AHY	104.4
No	KMWE-LD	D17	LD	CP	SAINT CLOUD, MN	BLANK0000156004	334.7
No	K17MW-D	D17	LD	LIC	ST. JAMES, MN	BLANK0000064441	211.3
No	K17FE-D	D17+	LD	LIC	WADENA, MN	BLANK0000152352	392.9
No	K17FA-D	D17	LD	LIC	WILLMAR, MN	BLDTT20100122ABO	271.4
Yes	KYNE-TV	D17	DT	LIC	OMAHA, NE	BLANK0000123806	206.7
No	KDSD-TV	D17	DT	LIC	ABERDEEN, SD	BLEDT20110816AAM	277.9
Yes	K17NF-D	D17+	LD	LIC	BROOKINGS, SD	BLANK0000059096	140.4
Yes	K17NF-D	D17+	LD	CP	BROOKINGS, SD	BLANK0000067617	140.4
No	K17KW-D	D17	LD	LIC	GETTYSBURG, SD	BLANK0000067956	359.0
No	K18KG-D	D18	LD	LIC	SPENCER, IA	BLDTL20130327AAU	149.5
No	K18MO-D	D18	LD	LIC	WORTHINGTON, MN	BLANK0000064317	108.3
No	KAUN-LP	N25	TX	LIC	SIOUX FALLS, SD	BLANK0000116224	51.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17
 Mask: Full Service
 Latitude: 43 4 37.20 N (NAD83)
 Longitude: 96 48 17.50 W
 Height AMSL: 485.3 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: Omnidirectional
 Elev Pattn: Generic

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	68.4 m	40.5 km
45.0	15.0	34.9	32.6

90.0	15.0	57.1	38.6
135.0	15.0	67.1	40.3
180.0	15.0	64.9	39.9
225.0	15.0	95.6	44.4
270.0	15.0	106.9	45.7
315.0	15.0	99.9	44.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 74 m

Distance to Canadian border: 647.9 km

Distance to Mexican border: 1515.8 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 209.8 degrees Distance: 274.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 247.9 degrees Distance: 771.0 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

Proposal causes 0.05% interference to BNPDTL20100510AHY CP scenario 1

Proposal causes 0.02% interference to BLANK0000123806 LIC scenario 1

Proposal causes 0.00% interference to BLANK0000059096 LIC scenario 1

Proposal causes no interference to BLANK0000067617 CP

---- Below is IX received by proposal BNPDTL20100505AES ----

Proposal receives 0.01% interference from scenario 1

No IX check failures found.