

K36MO-D FI 186718
Lincoln, NE

Amend Minor Change move to ASR 1229630. Controlled access site, no new construction.

Study created: 2022.07.14 13:20:38

Study build station data: LMS TV 2022-07-07

Proposal: K36MO-D D36 LD CP LINCOLN, NE
File number: ASR 1229630 @ 90
Facility ID: 186718
Station data: User record
Record ID: 1158
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	K36QD-D	N21-	TX	LIC	Omaha, NE	BLTT20060510AAY	130.1 km
No	KHIN	D35	DT	LIC	RED OAK, IA	BLANK0000030114	202.8
No	KLKN	D35	LD	CP	LINCOLN, NE	BLANK0000120472	75.7
No	KNEN-LD	D35	LD	LIC	NORFOLK, NE	BLANK0000004598	130.0
No	KFPX-TV	D36	DT	LIC	NEWTON, IA	BLANK0000063434	347.6
No	K36IO-D	D36	LD	LIC	MANHATTAN, KS	BLDTL20090908ADI	201.3
No	KSHB-TV	D36	DT	LIC	KANSAS CITY, MO	BLANK0000153577	335.5
No	K36QD-D	D36-	LD	LIC	Omaha, NE	BLANK0000160449	81.4
No	KWSD	D36	DT	LIC	SIOUX FALLS, SD	BLCDT20100201AFD	304.3
No	KWSD	D36	DT	CP	SIOUX FALLS, SD	BLANK0000035767	304.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36
Mask: Simple
Latitude: 40 52 28.20 N (NAD83)
Longitude: 97 35 47.40 W
Height AMSL: 508.0 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: SBP-UPSL (ID 100733) 90.0 deg
Elev Pattnr: Generic

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	3.7 m	2.0 km
45.0	0.023	12.3	6.7
90.0	0.100	15.2	9.6
135.0	0.023	20.0	6.7
180.0	0.000	15.2	2.0
225.0	0.000	-0.2	2.0
270.0	0.000	-7.3	2.0
315.0	0.000	-5.1	2.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 7 m

Distance to Canadian border: 900.7 km

Distance to Mexican border: 1280.2 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 274.6 degrees Distance: 70.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 265.4 degrees Distance: 649.4 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.

K36MO-D.C

BNPDTL-20100511ABR

Latitude: 40-52-59 N

Longitude: 097-18-20 W

ERP: 15.00 kW

Channel: 36

Frequency: 605.0 MHz

AMSL Height: 652.2 m

Elevation: 482.2 m

Horiz. Pattern: Omni

Vert. Pattern: Yes

Elec Tilt: 0.75

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0


Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

 Line of Sight