



Minor Modification: Change location to Selective TV ASR 1024619. Controlled access site, no new construction. Edge Spectrum will cooperate with site users as required to reduce expose. Edge Spectrum is displacing K44GH-D which holds a construction permit for Ch 28 to channel 25. This is necessitated as Selective TV receives an off air PBS signal on Ch 28. The new displacement channel on 25 will be collocated with K26CL-D. TVStudy indicates no interference to K26CL-D which on paper employs a Simple Mask Filter but in reality operates through the combiner with Stringent Service Mask Filter. TVStudy indicates no interference to K26CL-D when changed to a Stringent Service Mask Filter.



J&B

James & Bonnie Borgrud to Susan Hansen

10 Apr, 2:03 PM ...

Thanks We(Thomas & myself) decided we have a stringent filter on 26. I wished Uppmans had better papers on our site. Jim

TVStudy created: 2024.04.10 11:07:17

Study build station data: LMS TV 2024-03-07

Proposal: K44GH-D D25 LD CP ALEXANDRIA, MN  
File number: Ch 25 selective site  
Facility ID: 130185  
Station data: User record  
Record ID: 294  
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	KSAX	D24	DT	LIC	ALEXANDRIA, MN	BLANK0000074900	33.4 km
No	K24KT-D	D24	LD	LIC	WALKER, MN	BLD TT20130719CLP	145.0
No	KRDK-TV	D24	DT	LIC	VALLEY CITY, ND	BLANK0000121386	208.0
No	K25PE-D	D25	LD	LIC	DECORAH, IA	BLANK0000112327	410.7
No	KTIN	D25	DT	LIC	FORT DODGE, IA	BLED T20070822ACB	355.9
No	K25MW-D	D25	LD	LIC	BAUDETTE, MN	BLD TT20120601AIA	311.3
No	K25QC-D	D25	LD	LIC	LAKE CRYSTAL, MN	BLANK0000199356	227.7
No	KJNK-LD	D25	LD	LIC	MINNEAPOLIS, MN	BLD TT20090528ACL	200.2
No	KJNK-LD	D25	LD	LIC	MINNEAPOLIS, MN	BLANK0000129957	200.2
No	K25II-D	D25	LD	LIC	REDWOOD FALLS, MN	BLD TT20120604AAV	158.3
No	K25NK-D	D25	LD	LIC	ROCHESTER, MN	BLANK0000151246	322.3
No	KMDE	D25	DT	LIC	DEVILS LAKE, ND	BLED T20060207ABL	378.0
No	K25LY-D	D25	LD	LIC	FARGO, ND	BLANK0000177624	146.9
No	K25LY-D	D25	LD	CP	FARGO, ND	BLANK0000214463	178.1
No	K25OU-D	D25	LD	LIC	BROOKINGS, SD	BLANK0000059337	208.8
No	KAUN-LD	N25	TX	LIC	SIOUX FALLS, SD	BLANK0000116224	285.4
No	KAUN-LD	D25	LD	LIC	SIOUX FALLS, SD	BLANK0000178497	285.4
No	WQOW	D25	DT	LIC	EAU CLAIRE, WI	BLANK0000135118	335.4
No	K26CL-D	D26	LD	LIC	ALEXANDRIA, MN	BLD TL20120313ABG	0.0
No	KFTC	D26	DT	LIC	BEMIDJI, MN	BLC DT20090206AAG	187.0
No	WDMI-LD	D26	LD	LIC	MINNEAPOLIS, MN	BLANK0000194480	201.3
No	K26PF-D	D26	LD	LIC	SAINT CLOUD, MN	BLANK0000179704	74.9
No	K26PF-D	D26	LD	CP	SAINT CLOUD, MN	BLANK0000226660	94.0
No	K26NU-D	D26	LD	LIC	WILLMAR, MN	BLANK0000060757	90.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25  
Mask: Full Service  
Latitude: 45 55 59.00 N (NAD83)  
Longitude: 95 26 51.00 W  
Height AMSL: 547.7 m  
HAAT: 0.0 m  
Peak ERP: 0.750 kW  
Antenna: DIE-TUL-LC-C2-01/02M (ID 1009967) 225.0 deg  
Elev Pattn: None

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.005 kW	120.2 m	9.4 km
45.0	0.008	121.0	10.7
90.0	0.003	127.8	8.5
135.0	0.156	121.9	22.7
180.0	0.695	122.3	30.5
225.0	0.518	123.5	29.0
270.0	0.750	117.7	30.6
315.0	0.156	122.7	22.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 122 m

Distance to Canadian border: 313.1 km

Distance to Mexican border: 1836.2 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 204.4 degrees    Distance: 606.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 234.5 degrees    Distance: 1020.3 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 Ch 25 selective site -----

Proposal receives 44.68% interference from scenario 1

No IX check failures found.

Study created: 2024.04.15 12:26:35

Study build station data: LMS TV 2024-03-07

Proposal: K44GH-D D25 LD CP ALEXANDRIA, MN  
File number: Ch 25 selective site  
Facility ID: 130185  
Station data: User record  
Record ID: 294  
Country: U.S.

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

User records included:  
542 K26CL-D D26 LD LIC ALEXANDRIA, MN Ch 26 Stringent Mask

Individual records excluded:  
20120313ABG K26CL-D D26 LD LIC ALEXANDRIA, MN BLDTL20120313ABG

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Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

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Proposal receives 23.46% interference from scenario 1  
No IX check failures found.