

KSLT - Proposed Aux Facility vs. the Main Facility. 73.1675(a)(1)(ii) Study

KSLT

0000122489
Latitude: 44-19-41.96 N
Longitude: 103-50-02.97 W
ERP: 100.00 kW
Channel: 296
Frequency: 107.1 MHz
AMSL Height: 2290.0 m
Elevation: 2121.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KSLT.P New Aux

Proposed Operation
Latitude: 44-05-33.04 N
Longitude: 103-14-53.04 W
ERP: 3.254 kW
Channel: 296
Frequency: 107.1 MHz
AMSL Height: 1198.0 m
Elevation: 1146.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

Munn-Reese.com

- KSLT (296)
- KSLT.P New Aux (296)

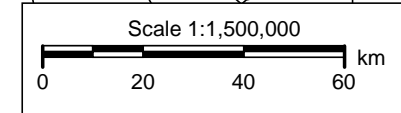
FCC F(50-50) 60.00 dBu (FCC HAAT)

FCC F(50-50) 60.00 dBu (FCC HAAT)

KSLT

KSLT.P New Aux

Rapid City



KSLT - Aux Allocation
University Of Northwestern -

REFERENCE		DISPLAY DATES
44 05 33.00 N.	CLASS = A	DATA 01-25-23
103 14 54.70 W.	Current Spacings to 3rd Adj.	SEARCH 02-06-23
----- Channel 296 - 107.1 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
KSLT	LIC 296C	Spearfish	SD 299.5	53.67	225.5	-171.8
DKXZS	VAC 298C1	Wall	SD 85.7	74.74	74.5	0.24
KZMX-FM	LIC 242A	Hot Springs	SD 193.2	74.13	9.5	64.6

All separation margins include rounding