



KSFL-TV 36 Sioux Falls, SD - Facility ID: 29121
Application for Minor Modification of BLCDT-20100201AFD

This is an application for a minor modification of KSFL TV 36 in Sioux Falls, SD. This application seeks to change the antenna make/model and directional pattern. No other changes are being proposed. The KSFL TV antenna will remain on an existing communications tower, ASR 1206712. Please note: this application uses the registered tower geographical coordinates.

47 C.F.R. Sections 73.616, 73.622(i), 73.623(e), 73.625, 73.1030, and 73.1125

A copy of the TVStudy Interference Check is attached to this application to demonstrate compliance with section 73.616. KSFL-TV uses channel 36 which is in the FCC Table of TV Allotments, in accordance with section 73.622(j).

There are No land mobile station failures on channel 36 in South Dakota or any nearby state, thereby complying with section 73.623(e).

The proposed tower site is 596.9 km away from the Canadian border.

A map showing the proposed coverage is attached that displays the 48 dBu contour showing it fully encloses Sioux Falls, SD in compliance with section 73.625.

The instant application does not propose operation within the area bounded by 39°15' N on the north, 78°30' W on the east, 37°30' N on the south, and 80°30' W on the

west, so it is therefore in compliance with section 73.1030.

KSFL-TV Sioux Falls, SD will maintain a local telephone number in its community of license or a toll-free number, in accordance with section 73.1125.

47 C.F.R. Section 1.1306

A Commission grant of Authorization for this location would not be an action which will have a significant environmental effect. Software predicts the proposed facility will create a maximum power density near the ground of $1.865 \mu\text{W}/\text{cm}^2$ 51.8 meters out from the tower. This is only 0.46% of the maximum power density for uncontrolled public access areas ($403.33 \mu\text{W}/\text{cm}^2$) in accordance with OET Bulletin 65. The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

 

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