

Exhibit 12-2 Waiver Request for 2nd adjacent Spacing

(Sioux Falls, SD Proposal, channel 286, 105.1 MHz)

7/14/2003

Refuge Media Group respectfully requests waiver of 47 C.F.R. § 74.1204(a)

This application is 2nd adjacent to Station KKLS-FM. The distance from this proposal's location to KKLS-FM's transmitting facility is *less* than what is required pursuant to § 74.1204(a). However, pursuant to the *lack of population* criteria set forth in § 74.1204(d), a waiver of § 74.1204(a) can be granted. As shown below, the predicted interference reaches a population of zero as the interfering signal does not reach the ground.

KKLS-FM

Channel 284C1 (104.7 MHz)

43° 43' 46" NL, 97° 5' 14" WL

RCAMSL: 797m

RCAGL: 248 meters

Bearing toward Proposal: 132° True

ERP: 100.0 kW

HAAT @ 132° True: 300.6 meters

Distance to Proposed site: 27.9 km

Signal @ 27.9 km in 132° radial: 82.1 dBu F(50,50)

Proposal:

Channel 286FX (105.1 MHz)

43° 33' 37" NL, 96° 49' 53" WL

RCAMSL: 502 meters

RCAGL: 59 meters

Bearing to KKLS-FM: 312° True

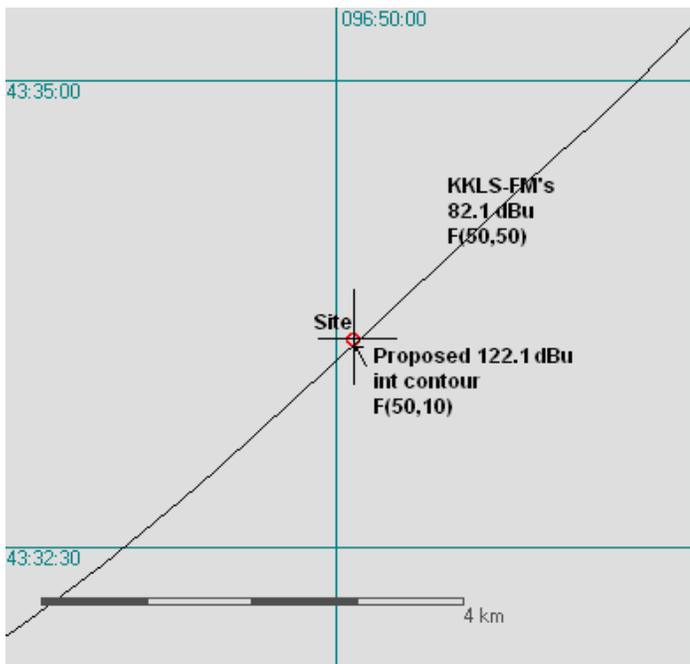
ERP: 0.099 kW

HAAT: (max of 12 radials:) 66.9 m

Interference Signal: 122.1 dBu F(50,10)*

Distance to Interference signal: 55 meters

*Based on the ratios set forth in § 74.1204(a) for stations separated by 2 or 3 channels, the interference signal of this proposed 2nd adjacent translator must be 40 dB (100:1 ratio) higher before predicted interference to KKLS-FM will occur. (82.1 + 40 = 122.1)



Interference doesn't hit the ground:

Based on the above data, the predicted interference signal stays above the ground by **4 meters** or more, therefore a grant of this proposal will not cause predicted interfere with anyone trying to receive station KKLS-FM.

Terrain Source: FCC 30-sec DEM (NGDC)