

KTKK, 630 AM
Major Change
Change of Community of License from Sandy to Kearns, Utah

Absence of Interference to KFI

The proposed nighttime will not cause prohibited overlap at night to the 0.5 mv/m groundwave service area as follows:

Direction from KFI	Distance	Point Location	Direction from KTKK	Distance from KTKK	Departure Angle	Allowed Radiation	Actual Max. Radiation
0.0	230.8	35 57 21 118 0 47	225.95	756.64	9.1 - 15.8	370	232.2 mv/m
10.0	238.3	35 59 23 117 33 11	223.73	726.53	9.6 - 16.6	349	245.3
20.0	246.3	35 57 29 117 4 38	220.9	702.5	10.0 - 17.2	332	261.8
30.0	255.07	35 51 31 116 35 52	217.45	685.8	10.3 - 17.7	320.7	280.9
36.5	254.5	35 42 31 116 20 11	215.04	686.71	10.3 - 17.6	321.1	294.2
40.0	253.48	35 36 48 116 12 37	213.76	689.73	10.2 - 17.5	323	301.1
45.0	251.95	35 28 1 116 2 42	212.01	696.3	10.1 - 17.4	327	310.4
50.0	249.92	35 18 24 115 54 11	210.39	705.7	9.9 - 17.1	333	318.9
60.0	244.55	34 57 29 115 41 17	207.6	731.6	9.5 - 16.4	350.6	332.8
70.0	234.23	34 34 37 115 36 31	205.8	767.14	8.9 - 15.6	375.1	342.2
100.0	246.56	33 28 1 115 23 40	201.13	873.9	10.4 - 18.3	453.9	362.8

The 10% signal from the proposed KTKK operation will not exceed 250 microvolts per meter at any location on or within the KFI 500 microvolt per meter groundwave contour.