

W113-31-36.96 W110-40-22.08

N42-39-22.50

N42-39-22.50

knkl site

KWCR site

KWCR tv/M

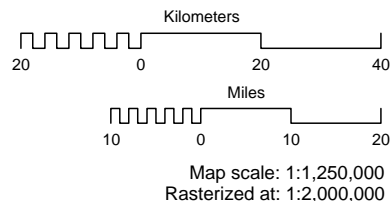
KNKL 60 dBu

Interference area to KNKL has not been increased.

N40-07-04.04

N40-07-04.04

W113-31-36.96 W110-40-22.08



Distance to FM Contour

Study: KNKL
Site: knkl site

Latitude: N41-35-30.00
Longitude: W112-14-57.00

True Radial Bearing (Degrees)	Average Elevation (feet)	Radiation Center Height Above Average Terrain (feet)	Effective Radiated Power (W)	(dBW)	Distance to Contour 60.0 dBu F(50,50) (mi)
0.00	4296.42	982.45	73000.00	48.63	42.97
45.00	4247.66	1031.20	73000.00	48.63	43.66
90.00	4191.82	1087.04	73000.00	48.63	44.44
135.00	4182.11	1096.75	73000.00	48.63	44.58
180.00	4159.01	1119.85	73000.00	48.63	44.89
225.00	4170.69	1108.17	73000.00	48.63	44.73
270.00	4189.59	1089.27	73000.00	48.63	44.47
315.00	4776.17	502.69	73000.00	48.63	34.81

Radiation Center (AGL):	30.0 meters	98.4 feet
Radiation Center (AMSL):	1609.0 meters	5278.9 feet
Radiation Center (HAAT):	305.5 meters	1002.2 feet
Average Terrain (AMSL):	1303.5 meters	4276.7 feet
Ground AMSL:	1579.0 meters	5180.4 feet

Peak ERP: 73000.0 W
Frequency: 101 MHz
Antenna:
Orientation: 0.00°
Downtilt: 0.00°

Area within 60.0 dBu F(50,50) Contour is 9383.4 mi

Distance to FM Contour

Study: KWCR100
Site: KWCR site

Latitude: N41-10-52.70
Longitude: W111-56-38.00

True Radial Bearing (Degrees)	Average Elevation (feet)	Radiation Center Height Above Average Terrain (feet)	Effective Radiated Power (W)	(dBW)	Distance to Contour 100.0 dBu F(50,10) (mi)
0.00	4684.41	216.70	2000.00	33.01	1.10
45.00	6086.80	0.00	2000.00	33.01	1.95
90.00	6566.72	0.00	2000.00	33.01	1.95
135.00	6702.61	0.00	2000.00	33.01	1.95
180.00	4601.37	299.74	2000.00	33.01	1.22
225.00	4479.35	421.75	2000.00	33.01	1.35
270.00	4303.50	597.60	2000.00	33.01	1.51
315.00	4226.17	674.93	2000.00	33.01	1.56

Radiation Center (AGL):	22.9 meters	75.0 feet
Radiation Center (AMSL):	1493.9 meters	4901.1 feet
Radiation Center (HAAT):	-93.0 meters	-305.3 feet
Average Terrain (AMSL):	1586.9 meters	5206.4 feet
Ground AMSL:	1471.0 meters	4826.1 feet

Peak ERP: 2000.0 W
Frequency: 88.1 MHz
Antenna:
Orientation: 0.00°
Downtilt: 0.00°

Area within 100.0 dBu F(50,10) Contour is 13.1142 sq mi.