

Larry Waggoner

Project: KNKT Curves: VHF Low Band for 88 MHz to 108 MHz

Site Coordinates: 35-03-15 North 106-51-31 West

NGDC 30-Second Database for Continental US.

DEM-30 Database for AK, HI, and PR.

Site Elevation AMSL: (5860 feet), 1786 meters

Antenna HAAT: 215 meters

Antenna Center Above Sea Level: 1899 meters

TV/FM Channel: 296

----- DISTANCES TO CONTOURS IN KILOMETERS -----

AZM	HAAT	ERP	70 dB	60 dB	100 dB	54 dB	40 dB
(deg)	(m)	(kW)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10

60	219	24.60	32.9	52.4	5.8	77.4	130.5
61	222	24.60	33.1	52.6	5.9	77.8	130.9
62	225	24.60	33.3	52.9	5.9	78.1	131.2
63	228	24.60	33.5	53.1	6.0	78.4	131.6
64	231	24.60	33.8	53.3	6.0	78.8	131.9
65	234	24.60	34.0	53.5	6.0	79.1	132.2
66	237	24.60	34.2	53.7	6.1	79.5	132.6
67	239	24.60	34.3	53.9	6.1	79.7	132.8
68	241	24.60	34.4	54.0	6.1	79.9	133.0
69	243	24.60	34.6	54.2	6.1	80.1	133.2
70	246	24.60	34.8	54.4	6.2	80.4	133.5
71	248	24.60	34.9	54.6	6.2	80.6	133.7
72	250	24.60	35.0	54.7	6.2	80.8	134.0
73	252	24.60	35.1	54.9	6.2	81.0	134.2
74	254	24.60	35.3	55.0	6.3	81.2	134.4
75	256	24.60	35.4	55.2	6.3	81.4	134.6
76	258	24.60	35.5	55.3	6.3	81.5	134.8
77	260	24.60	35.6	55.5	6.3	81.7	135.0
78	261	24.60	35.7	55.5	6.3	81.8	135.1
79	262	24.60	35.7	55.6	6.3	81.9	135.2
80	263	24.60	35.8	55.7	6.4	82.0	135.3