

Larry Waggoner

05-12-2006

Project: KYAL

Site Coordinates: 35-24-48 North 95-21-55 West

NGDC 30-Second Database is used in Continental US

DEM-30 Database is used in AK, HI, and PR.

F(50,50) Contours -----

Azm (deg)	HAAT (mtrs)	70 dBu (km)	60 dBu (km)	Radial (mtrs)
0	596	67.4	91.6	198
45	628	68.7	93.0	166
90	617	68.2	92.5	177
135	580	66.5	90.8	214
180	599	67.5	91.8	195
225	601	67.6	91.9	193
270	588	67.0	91.2	206
315	593	67.2	91.5	201

Data in (feet) meters

Overall Height Above Average Terrain: (1,969) 600 *

Site Elevation AMSL: (740) 226

Antenna Height Above Ground Level: (1,865) 568

Antenna Center Above Sea Level: (2,605) 794

Overall Ground Average Terrain AMSL: (636) 194

Effective Radiated Power: 100.00 kW *

TV/FM Channel: 246

VERTICAL SKETCH

