

Larry Waggoner

Project: LAS VEGAS Curves: VHF Low Band for 88 MHz to 108 MHz

Site Coordinates: 35-34-27 North 105-10-18 West

NGDC 30-Second Database for Continental US.

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

Site Elevation AMSL: (6545 feet), 1995 meters

Antenna HAAT: 94 meters

Antenna Center Above Sea Level: 2115 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

225	165	0.8600	12.8	22.7	1.7	33.9	68.8
226	164	0.8600	12.7	22.6	1.7	33.8	68.7
227	162	0.8600	12.7	22.5	1.7	33.6	68.4
228	161	0.8600	12.6	22.5	1.7	33.5	68.3
229	160	0.8600	12.6	22.4	1.7	33.4	68.1
230	159	0.8600	12.5	22.3	1.7	33.3	68.0
231	158	0.8600	12.5	22.3	1.7	33.2	67.8
232	158	0.8600	12.5	22.3	1.7	33.2	67.8
233	158	0.8600	12.5	22.3	1.7	33.2	67.8
234	159	0.8600	12.5	22.3	1.7	33.3	68.0
235	158	0.8600	12.5	22.3	1.7	33.2	67.8
236	157	0.8600	12.4	22.2	1.7	33.1	67.7
237	154	0.8600	12.3	22.0	1.7	32.7	67.2
238	150	0.8600	12.2	21.7	1.7	32.3	66.6
239	146	0.8600	12.0	21.5	1.7	31.9	66.0
240	140	0.8600	11.7	21.1	1.6	31.2	65.1
241	134	0.8600	11.5	20.6	1.6	30.6	64.2
242	130	0.8600	11.3	20.4	1.6	30.1	63.5
243	129	0.8600	11.3	20.3	1.6	30.0	63.3
244	129	0.8600	11.3	20.3	1.6	30.0	63.3
245	130	0.8600	11.3	20.4	1.6	30.1	63.5
246	130	0.8600	11.3	20.4	1.6	30.1	63.5
247	129	0.8600	11.3	20.3	1.6	30.0	63.3
248	127	0.8600	11.2	20.1	1.6	29.8	63.0
249	125	0.8600	11.1	20.0	1.6	29.5	62.7
250	122	0.8600	10.9	19.8	1.6	29.2	62.2