

Larry Waggoner

Project: KONQ Curves: VHF Low Band for 88 mHz to 108 mHz

Site Coordinates: 37-47-14 North 100-01-55 West

NGDC 30-Second Database for Continental US.

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

Site Elevation AMSL:(2611 feet),796 meters Ant HAAT: 68 meters

Antenna Center Above Sea Level:840 meters FM Channel #220

----- 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

280	35	2.600	7.7	13.7	1.4	20.3	53.7
281	35	2.600	7.7	13.7	1.4	20.3	53.7
282	35	2.600	7.7	13.7	1.4	20.3	53.7
283	35	2.600	7.7	13.7	1.4	20.3	53.7
284	35	2.600	7.7	13.7	1.4	20.3	53.7
285	35	2.600	7.7	13.7	1.4	20.3	53.7
286	36	2.600	7.8	13.9	1.4	20.6	54.3
287	36	2.600	7.8	13.9	1.4	20.6	54.3
288	37	2.600	7.9	14.1	1.4	20.9	54.9
289	38	2.600	8.0	14.3	1.4	21.2	55.5
290	39	2.600	8.1	14.4	1.5	21.5	56.1
291	40	2.600	8.2	14.6	1.5	21.8	56.7
292	41	2.600	8.4	14.8	1.6	22.0	57.2
293	42	2.600	8.5	15.0	1.6	22.3	57.7
294	42	2.600	8.5	15.0	1.6	22.3	57.7
295	43	2.600	8.6	15.2	1.6	22.6	58.2
296	44	2.600	8.7	15.4	1.6	22.9	58.7
297	45	2.600	8.8	15.6	1.6	23.2	59.1
298	45	2.600	8.8	15.6	1.6	23.2	59.1
299	46	2.600	8.9	15.8	1.6	23.4	59.6
300	47	2.600	9.0	16.0	1.6	23.7	60.0
301	48	2.600	9.1	16.1	1.7	24.0	60.5
302	49	2.600	9.2	16.3	1.7	24.3	60.9
303	50	2.600	9.4	16.5	1.7	24.5	61.3
304	51	2.600	9.4	16.7	1.7	24.8	61.7
305	52	2.600	9.5	16.9	1.7	25.0	62.0
306	53	2.600	9.6	17.0	1.7	25.2	62.4
307	53	2.600	9.6	17.0	1.7	25.2	62.4
308	54	2.600	9.7	17.2	1.7	25.5	62.7
309	54	2.600	9.7	17.2	1.7	25.5	62.7
310	54	2.600	9.7	17.2	1.7	25.5	62.7
311	55	2.600	9.8	17.4	1.8	25.7	63.0
312	55	2.600	9.8	17.4	1.8	25.7	63.0
313	55	2.600	9.8	17.4	1.8	25.7	63.0
314	56	2.600	9.9	17.5	1.8	25.9	63.3
315	56	2.600	9.9	17.5	1.8	25.9	63.3
316	57	2.600	10.0	17.7	1.8	26.1	63.7
317	58	2.600	10.1	17.8	1.8	26.4	64.0
318	58	2.600	10.1	17.8	1.8	26.4	64.0
319	59	2.600	10.1	18.0	1.8	26.6	64.3
320	59	2.600	10.1	18.0	1.8	26.6	64.3
321	60	2.600	10.2	18.2	1.8	26.8	64.6
322	60	2.600	10.2	18.2	1.8	26.8	64.6
323	60	2.600	10.2	18.2	1.8	26.8	64.6
324	61	2.600	10.3	18.3	1.8	27.0	64.9