



Site:	Proposed KPTY		60 dBu 50-50 Contour	
Coordinates:	29-45-26.0 N, 95-20-19.0 W			
Freq:	104.90000 MHz			
ERP:	8.80 kW	CH285C2 298 M HAAT		
Bearing	ERP kW	Distance	N Lat	W Lon
0	8.8	48.55	30.193884	-95.338611
5	8.8	48.55	30.192215	-95.294581
10	8.8	48.61	30.187805	-95.250771
15	8.8	48.68	30.180078	-95.207522
20	8.8	48.74	30.169102	-95.165165
25	8.8	48.81	30.154926	-95.124042
30	8.8	48.94	30.138169	-95.084131
35	8.8	48.94	30.11746	-95.046745
40	8.8	48.94	30.094002	-95.011604
45	8.8	48.94	30.067976	-94.978976
50	8.8	48.94	30.039581	-94.949112
55	8.8	48.94	30.009036	-94.922237
60	8.8	48.94	29.976574	-94.898555
65	8.8	48.94	29.942445	-94.878244
70	8.8	48.94	29.90691	-94.861455
75	8.8	48.94	29.87024	-94.848315
80	8.8	49	29.832814	-94.838264
85	8.8	48.94	29.794625	-94.833333
90	8.8	49	29.756253	-94.830934
95	8.8	49.06	29.717796	-94.832399
100	8.8	49.06	29.679648	-94.838376
105	8.8	49	29.642249	-94.848789
110	8.8	49.06	29.605429	-94.861644
115	8.8	49.06	29.569921	-94.878752
120	8.8	49	29.536131	-94.899912
125	8.8	48.94	29.504111	-94.92433
130	8.8	48.94	29.473729	-94.951305
135	8.8	48.94	29.445502	-94.981203
140	8.8	48.94	29.419643	-95.013797
145	8.8	48.94	29.396348	-95.048837
150	8.8	48.94	29.375793	-95.08606
155	8.8	48.94	29.35813	-95.125183
160	8.8	48.94	29.343495	-95.165911
165	8.8	48.94	29.331996	-95.207937
170	8.8	48.94	29.32372	-95.250946
175	8.8	48.94	29.31873	-95.294613
180	8.8	48.94	29.317062	-95.338611
185	8.8	48.94	29.31873	-95.382609
190	8.8	48.94	29.32372	-95.426276
195	8.8	48.94	29.331996	-95.469285
200	8.8	48.94	29.343495	-95.511311
205	8.8	48.94	29.35813	-95.55204
210	8.8	48.94	29.375793	-95.591163
215	8.8	48.87	29.396821	-95.628007
220	8.8	48.81	29.420527	-95.662579
225	8.8	48.81	29.446318	-95.695087
230	8.8	48.87	29.4741	-95.725412
235	8.8	48.94	29.504111	-95.752893
240	8.8	48.87	29.53671	-95.776167
245	8.8	48.81	29.570902	-95.796075
250	8.8	48.68	29.60663	-95.811831
255	8.8	48.61	29.643164	-95.824569
260	8.8	48.55	29.680476	-95.833579
265	8.8	48.55	29.718221	-95.839491
270	8.8	48.81	29.756261	-95.844299
275	8.8	48.87	29.794577	-95.843228
280	8.8	48.74	29.832424	-95.836342
285	8.8	48.61	29.8695	-95.825668
290	8.8	48.61	29.905927	-95.812613
295	8.8	48.61	29.941228	-95.795934
300	8.8	48.68	29.975422	-95.776342
305	8.8	48.55	30.007039	-95.751667
310	8.8	48.42	30.036587	-95.72396
315	8.8	48.48	30.065098	-95.694899
320	8.8	48.48	30.090882	-95.662575
325	8.8	48.48	30.114121	-95.62776
330	8.8	48.55	30.135142	-95.591061
335	8.8	48.42	30.151734	-95.55145
340	8.8	48.42	30.166331	-95.510885
345	8.8	48.42	30.177803	-95.468992
350	8.8	48.42	30.186061	-95.426094
355	8.8	48.55	30.192215	-95.382641

Site:	Proposed KPTY	40 dBU 50-10 Contour		
Coordinates:	29-45-26.0 N, 95-20-19.0 W			
Freq:	104.90000 MHz			
ERP:	8.80 kW	Channel 285C2 298 M HAAT		
Bearing	ERP kW	Distance	N Lat	W Lon
0	8.8	117.72	30.816064	-95.338611
5	8.8	117.72	30.811991	-95.231167
10	8.8	117.83	30.800726	-95.124376
15	8.8	117.93	30.781417	-95.019076
20	8.8	118.03	30.754182	-94.916103
25	8.8	118.14	30.71924	-94.81626
30	8.8	118.35	30.677634	-94.719798
35	8.8	118.35	30.627287	-94.629103
40	8.8	118.35	30.570274	-94.543952
45	8.8	118.35	30.507042	-94.464999
50	8.8	118.35	30.438082	-94.392847
55	8.8	118.35	30.363933	-94.328041
60	8.8	118.35	30.285168	-94.271067
65	8.8	118.35	30.202398	-94.222345
70	8.8	118.35	30.116262	-94.182232
75	8.8	118.35	30.027422	-94.151012
80	8.8	118.45	29.936714	-94.127836
85	8.8	118.35	29.844376	-94.116042
90	8.8	118.45	29.751559	-94.111432
95	8.8	118.55	29.658667	-94.116171
100	8.8	118.55	29.566576	-94.13125
105	8.8	118.45	29.476223	-94.156487
110	8.8	118.55	29.387545	-94.188601
115	8.8	118.55	29.301956	-94.230394
120	8.8	118.45	29.220321	-94.281421
125	8.8	118.35	29.142924	-94.340279
130	8.8	118.35	29.069726	-94.405673
135	8.8	118.35	29.001749	-94.478024
140	8.8	118.35	28.939498	-94.556779
145	8.8	118.35	28.883438	-94.641343
150	8.8	118.35	28.833983	-94.731079
155	8.8	118.35	28.791501	-94.825315
160	8.8	118.35	28.756306	-94.923348
165	8.8	118.35	28.728659	-95.024451
170	8.8	118.35	28.708764	-95.127874
175	8.8	118.35	28.696768	-95.232852
180	8.8	118.35	28.692759	-95.338611
185	8.8	118.35	28.696768	-95.44437
190	8.8	118.35	28.708764	-95.549348
195	8.8	118.35	28.728659	-95.652771
200	8.8	118.35	28.756306	-95.753874
205	8.8	118.35	28.791501	-95.851907
210	8.8	118.35	28.833983	-95.946143
215	8.8	118.24	28.884207	-96.035272
220	8.8	118.14	28.940933	-96.119087
225	8.8	118.14	29.003075	-96.197705
230	8.8	118.24	29.070333	-96.270735
235	8.8	118.35	29.142924	-96.336944
240	8.8	118.24	29.221271	-96.393954
245	8.8	118.14	29.303562	-96.442975
250	8.8	117.93	29.389514	-96.4826
255	8.8	117.83	29.477733	-96.514515
260	8.8	117.72	29.567952	-96.537515
265	8.8	117.72	29.659398	-96.552481
270	8.8	118.14	29.751589	-96.562568
275	8.8	118.24	29.844304	-96.560105
280	8.8	118.03	29.936103	-96.545127
285	8.8	117.83	30.026256	-96.520968
290	8.8	117.83	30.114703	-96.489881
295	8.8	117.83	30.200459	-96.449941
300	8.8	117.93	30.283328	-96.402383
305	8.8	117.72	30.360749	-96.343812
310	8.8	117.51	30.433297	-96.277648
315	8.8	117.62	30.502428	-96.206786
320	8.8	117.62	30.565267	-96.128321
325	8.8	117.62	30.621924	-96.043698
330	8.8	117.72	30.672781	-95.954126
335	8.8	117.51	30.714124	-95.858154
340	8.8	117.51	30.749759	-95.759225
345	8.8	117.51	30.77777	-95.656996
350	8.8	117.51	30.797937	-95.552268
355	8.8	117.72	30.811991	-95.446056

Site: KBUK 60 dBU 50-50 Contour
Coordinates: 29-52-57.0 N, 96-51-58.0 W
Freq: 104.90000 MHz
ERP: 6.00 kW CH285A 100 M Haat

Bearing	ERP kW	Distance (K)	N Lat	W Lon
0	6	27.61	30.130872	-96.866111
5	6	26.21	30.117372	-96.842355
10	6	25.47	30.108117	-96.820123
15	6	23.68	30.088241	-96.802393
20	6	22.76	30.074877	-96.785188
25	6	23.07	30.070481	-96.764801
30	6	23.53	30.065713	-96.743851
35	6	24.28	30.061326	-96.721372
40	6	24.28	30.049707	-96.703926
45	6	25.62	30.045304	-96.677881
50	6	26.06	30.033015	-96.658692
55	6	26.49	30.018986	-96.640676
60	6	26.91	30.003308	-96.624045
65	6	27.61	29.987212	-96.60622
70	6	27.88	29.968	-96.594064
75	6	28.02	29.947431	-96.585164
80	6	28.02	29.925954	-96.579733
85	6	28.56	29.904561	-96.570892
90	6	28.81	29.882163	-96.567238
95	6	29.33	29.859163	-96.563102
100	6	29.69	29.835785	-96.56296
105	6	30.18	29.811899	-96.563917
110	6	30.31	29.78892	-96.570896
115	6	30.89	29.76476	-96.576026
120	6	31.12	29.742248	-96.586918
125	6	31.57	29.719355	-96.598272
130	6	31.46	29.700385	-96.616572
135	6	30.78	29.686566	-96.640796
140	6	29.81	29.676985	-96.667772
145	6	28.94	29.669187	-96.694301
150	6	28.44	29.660919	-96.718945
155	6	27.88	29.655141	-96.744143
160	6	26.63	29.657365	-96.77183
165	6	26.91	29.64867	-96.794024
170	6	27.05	29.642853	-96.817494
175	6	27.2	29.63878	-96.841579
180	6	27.75	29.632914	-96.866111
185	6	27.2	29.63878	-96.890643
190	6	26.63	29.646582	-96.913974
195	6	26.49	29.652311	-96.937078
200	6	25.77	29.664695	-96.95733
205	6	26.21	29.668769	-96.980786
210	6	25.77	29.681731	-96.999486
215	6	25.47	29.694741	-97.017387
220	6	25.47	29.706886	-97.035661
225	6	24.88	29.724138	-97.048323
230	6	24.28	29.741974	-97.0588
235	6	25.03	29.7532	-97.07853
240	6	26.49	29.763142	-97.103835
245	6	27.05	29.779419	-97.120202
250	6	27.61	29.797279	-97.135063
255	6	27.61	29.817928	-97.142628
260	6	28.94	29.836975	-97.161597
265	6	29.92	29.858683	-97.175266
270	6	29.69	29.882142	-97.174082
275	6	28.69	29.904656	-97.162622
280	6	27.88	29.925745	-97.151098
285	6	27.75	29.946806	-97.14434
290	6	27.88	29.968	-97.138158
295	6	28.69	29.991267	-97.136103
300	6	29.07	30.012954	-97.127568
305	6	29.2	30.032889	-97.114581
310	6	29.69	30.053931	-97.102438
315	6	30.43	30.075866	-97.089779
320	6	30.89	30.095182	-97.072534
325	6	30.43	30.1066	-97.047598
330	6	29.92	30.115491	-97.02168
335	6	29.81	30.125405	-96.997103
340	6	30.05	30.136406	-96.972987
345	6	29.2	30.13613	-96.944699
350	6	28.44	30.13437	-96.917465
355	6	28.02	30.133562	-96.891509

Site:	KBUK	40 dBU 50-10 Contour		
Coordinates:	29-52-57.0 N, 96-51-58.0 W			
Freq:	104.90000 MHz			
ERP:	6.00 kW	CH285A	100 M	HAAT
Bearing	ERP kW	Distance (K)	N Lat	W Lon
0	6	85.82	30.65442	-96.866111
5	6	84.05	30.635556	-96.78954
10	6	83.11	30.618575	-96.71528
15	6	80.73	30.583681	-96.647819
20	6	79.43	30.553505	-96.582386
25	6	79.87	30.533085	-96.513653
30	6	80.52	30.508998	-96.445837
35	6	81.55	30.482431	-96.377939
40	6	81.55	30.443249	-96.319252
45	6	83.3	30.410854	-96.251824
50	6	83.86	30.365652	-96.196433
55	6	84.41	30.315988	-96.145724
60	6	84.94	30.262268	-96.100119
65	6	85.82	30.206257	-96.056596
70	6	86.17	30.144909	-96.023896
75	6	86.34	30.080669	-95.999198
80	6	86.34	30.014417	-95.982841
85	6	87.02	29.947667	-95.966196
90	6	87.35	29.879405	-95.959954
95	6	88.01	29.810396	-95.957282
100	6	88.49	29.741218	-95.963365
105	6	89.12	29.672203	-95.974935
110	6	89.28	29.605001	-95.998181
115	6	90.04	29.537541	-96.022447
120	6	90.36	29.473682	-96.057656
125	6	90.98	29.410924	-96.096653
130	6	90.82	29.355469	-96.148151
135	6	89.89	29.309165	-96.210476
140	6	88.65	29.270396	-96.278579
145	6	87.52	29.236676	-96.348702
150	6	86.86	29.205173	-96.418614
155	6	86.17	29.179536	-96.490961
160	6	84.58	29.16727	-96.568134
165	6	84.94	29.144379	-96.639728
170	6	85.11	29.128483	-96.713931
175	6	85.29	29.118236	-96.789578
180	6	86	29.109015	-96.866111
185	6	85.29	29.118236	-96.942644
190	6	84.58	29.133196	-97.017348
195	6	84.41	29.149003	-97.091086
200	6	83.49	29.176542	-97.160254
205	6	84.05	29.196868	-97.232081
210	6	83.49	29.231489	-97.296352
215	6	83.11	29.269259	-97.357612
220	6	83.11	29.308724	-97.417134
225	6	82.34	29.357462	-97.466944
230	6	81.55	29.409462	-97.511102
235	6	82.53	29.45487	-97.564471
240	6	84.41	29.500762	-97.621514
245	6	85.11	29.556562	-97.663743
250	6	85.82	29.615864	-97.700486
255	6	85.82	29.679936	-97.724327
260	6	87.52	29.742804	-97.758956
265	6	88.81	29.809711	-97.783205
270	6	88.49	29.879324	-97.784052
275	6	87.19	29.947784	-97.767734
280	6	86.17	30.014157	-97.747599
285	6	86	30.079882	-97.729523
290	6	86.17	30.144909	-97.708326
295	6	87.19	30.211374	-97.688563
300	6	87.68	30.274462	-97.656948
305	6	87.84	30.333572	-97.615993
310	6	88.49	30.392222	-97.572946
315	6	89.44	30.44968	-97.525932
320	6	90.04	30.501539	-97.470304
325	6	89.44	30.540372	-97.401826
330	6	88.81	30.57345	-97.329979
335	6	88.65	30.604564	-97.257612
340	6	88.97	30.634067	-97.184181
345	6	87.84	30.64548	-97.103798
350	6	86.86	30.651775	-97.0238
355	6	86.34	30.656136	-96.944792