

Proposed K206CS, El Paso, TX FAC# 121807
Compliance with Mexican International Treaty
April 28, 2021

This 6W proposal with a directional antenna mounted on ASR# 1216164 at AGL 55m meets the requirements of the Mexican Treaty. The direction toward Mexico was determined to be an arc from 123° to 278°. Please refer to Table 1 and Table 2 of this exhibit.

Table 1 lists the data for the 60 dBμ F(50,50) contour for the proposal. The azimuths from the proposed transmit site, the ERP, the distance, latitude and longitude of the endpoints of each radial are listed. The affected radials (123° to 278°) are highlighted. No radial exceeds 8.7km in the direction of Mexico.

Table 2 lists the data for the 40 dBμ F(50,10) contour for the proposal. The azimuths from the proposed transmit site, the ERP, the distance, latitude and longitude of the endpoints of each radial are listed. The affected radials (123° to 278°) are highlighted. No radial exceeds 32.0 km in the direction of Mexico.

This exhibit demonstrates compliance with the International treaty with Mexico.

Proposed K206CS, El Paso, TX FAC# 121807

Table 1. Data for 60 dBμ F(50,50) Contour

28-Apr-21

Bearing (0°)	ERP W	Distance km	Lat	Lon
0	4.83	5.42	31.86461	-106.488944
1	4.9	6.11	31.870772	-106.487815
2	4.98	6.73	31.876329	-106.486457
3	5.06	7.26	31.881007	-106.484922
4	5.13	7.7	31.884922	-106.483255
5	5.21	8.07	31.888124	-106.481496
6	5.29	8.37	31.890659	-106.479682
7	5.37	8.62	31.892778	-106.477817
8	5.45	8.82	31.8944	-106.475939
9	5.53	9.01	31.895901	-106.474007
10	5.6	9.19	31.897235	-106.472038
11	5.63	9.34	31.898252	-106.470074
12	5.67	9.49	31.899288	-106.46805
13	5.7	9.65	31.900403	-106.465946
14	5.73	9.79	31.901271	-106.463852
15	5.76	9.94	31.90218	-106.461691
16	5.8	10.1	31.903163	-106.459446
17	5.82	10.26	31.904106	-106.457153
18	5.86	10.4	31.904801	-106.454891
19	5.89	10.53	31.905388	-106.452618
20	5.92	10.63	31.905672	-106.450424
21	5.89	10.69	31.905566	-106.448366
22	5.86	10.72	31.905242	-106.446389
23	5.82	10.74	31.904788	-106.444462
24	5.8	10.78	31.904361	-106.442511
25	5.76	10.79	31.903773	-106.440636
26	5.73	10.81	31.903213	-106.438738
27	5.7	10.83	31.902639	-106.436838
28	5.67	10.85	31.902012	-106.434962
29	5.63	10.87	31.901324	-106.433117
30	5.6	10.89	31.90067	-106.431241
31	5.53	10.89	31.899771	-106.429528
32	5.45	10.87	31.898732	-106.427919
33	5.37	10.86	31.897731	-106.426288
34	5.29	10.84	31.896648	-106.424727
35	5.21	10.81	31.895484	-106.42324
36	5.13	10.78	31.894287	-106.421794
37	5.06	10.75	31.893064	-106.420383
38	4.98	10.72	31.891823	-106.419002

Bearing (0°)	ERP W	Distance km	Lat	Lon
39	4.9	10.69	31.890508	-106.417705
40	4.83	10.65	31.889172	-106.416447
41	4.75	10.61	31.887814	-106.415229
42	4.68	10.57	31.886436	-106.414052
43	4.59	10.51	31.88494	-106.413025
44	4.52	10.46	31.88348	-106.411985
45	4.44	10.4	31.881954	-106.411049
46	4.37	10.35	31.880476	-106.410083
47	4.29	10.3	31.878978	-106.40917
48	4.21	10.24	31.877419	-106.408366
49	4.14	10.18	31.875902	-106.407537
50	4.06	10.12	31.874327	-106.406819
51	4.03	10.1	31.872987	-106.405794
52	4	10.08	31.871602	-106.40485
53	3.98	10.06	31.870238	-106.403887
54	3.95	10.03	31.868831	-106.403005
55	3.92	10.01	31.867445	-106.402103
56	3.89	9.98	31.866019	-106.401285
57	3.86	9.96	31.864614	-106.400445
58	3.83	9.94	31.863175	-106.399682
59	3.8	9.92	31.861751	-106.398905
60	3.77	9.89	31.860292	-106.398214
61	3.77	9.9	31.858966	-106.39726
62	3.76	9.89	31.857562	-106.396472
63	3.76	9.9	31.856208	-106.395573
64	3.75	9.89	31.854782	-106.394844
65	3.75	9.89	31.853403	-106.394001
66	3.74	9.88	31.851957	-106.393332
67	3.74	9.88	31.850533	-106.392605
68	3.74	9.88	31.849089	-106.391937
69	3.74	9.88	31.847646	-106.391269
70	3.73	9.87	31.846165	-106.39072
71	3.71	9.86	31.844654	-106.390283
72	3.68	9.83	31.843111	-106.389979
73	3.65	9.81	31.841587	-106.389637
74	3.62	9.78	31.840044	-106.389399
75	3.59	9.75	31.838501	-106.389194
76	3.58	9.74	31.836981	-106.388919
77	3.55	9.71	31.83544	-106.388779
78	3.52	9.68	31.833902	-106.388672
79	3.49	9.66	31.832366	-106.388597
80	3.47	9.63	31.830833	-106.388555
81	3.42	9.58	31.829278	-106.388744
82	3.38	9.54	31.82774	-106.388904
83	3.33	9.5	31.826204	-106.389158

Bearing (0°)	ERP W	Distance km	Lat	Lon
84	3.29	9.45	31.824679	-106.389456
85	3.23	9.39	31.823159	-106.389881
86	3.19	9.35	31.82166	-106.390243
87	3.15	9.3	31.820173	-106.390636
88	3.1	9.25	31.8187	-106.39107
89	3.06	9.2	31.817241	-106.391535
90	3.01	9.15	31.815797	-106.392136
91	2.96	9.09	31.814371	-106.392776
92	2.9	9.02	31.812965	-106.393499
93	2.84	8.96	31.811583	-106.394292
94	2.78	8.89	31.810222	-106.395101
95	2.73	8.82	31.808885	-106.395949
96	2.67	8.75	31.807572	-106.396822
97	2.61	8.69	31.80628	-106.397699
98	2.56	8.62	31.805016	-106.398644
99	2.5	8.55	31.803778	-106.399612
100	2.45	8.48	31.802561	-106.400582
101	2.4	8.42	31.80136	-106.401513
102	2.36	8.35	31.800184	-106.402476
103	2.31	8.28	31.799054	-106.403574
104	2.26	8.21	31.79793	-106.404589
105	2.21	8.14	31.796857	-106.405737
106	2.17	8.08	31.79578	-106.40677
107	2.12	8.01	31.794741	-106.407873
108	2.07	7.94	31.793734	-106.409013
109	2.03	7.89	31.792716	-106.41004
110	1.98	7.82	31.791756	-106.411193
111	1.94	7.75	31.790827	-106.412371
112	1.89	7.68	31.789921	-106.413554
113	1.84	7.62	31.789036	-106.414731
114	1.79	7.54	31.78821	-106.416008
115	1.74	7.48	31.78738	-106.41721
116	1.7	7.41	31.786585	-106.418443
117	1.65	7.34	31.785855	-106.419771
118	1.6	7.27	31.785108	-106.421004
119	1.56	7.2	31.784407	-106.422284
120	1.51	7.12	31.783801	-106.423709
121	1.45	7	31.78339	-106.425456
122	1.38	6.89	31.782978	-106.427119
123	1.32	6.78	31.78263	-106.428823
124	1.26	6.66	31.782338	-106.430549
125	1.19	6.52	31.782179	-106.432424
126	1.14	6.39	31.782013	-106.434202
127	1.08	6.26	31.781921	-106.43602
128	1.02	6.13	31.781889	-106.43785

Bearing (0°)	ERP W	Distance km	Lat	Lon
129	0.97	5.99	31.781924	-106.439697
130	0.91	5.85	31.781997	-106.441519
131	0.86	5.72	31.782072	-106.443267
132	0.81	5.57	31.782297	-106.445139
133	0.76	5.43	31.782518	-106.446925
134	0.71	5.27	31.782881	-106.44881
135	0.67	5.12	31.783245	-106.450614
136	0.62	4.96	31.78375	-106.452502
137	0.58	4.82	31.784148	-106.45419
138	0.53	4.65	31.784728	-106.456
139	0.49	4.5	31.78529	-106.457712
140	0.45	4.32	31.786044	-106.459541
141	0.44	4.25	31.786144	-106.460663
142	0.42	4.17	31.786275	-106.461779
143	0.41	4.09	31.786437	-106.462886
144	0.39	4.01	31.786637	-106.463991
145	0.38	3.94	31.786765	-106.465001
146	0.36	3.88	31.786899	-106.465986
147	0.35	3.81	31.787069	-106.46697
148	0.33	3.75	31.787258	-106.467939
149	0.32	3.68	31.787491	-106.468911
150	0.3	3.6	31.787751	-106.469871
151	0.3	3.6	31.787473	-106.470451
152	0.3	3.59	31.787322	-106.47111
153	0.3	3.59	31.787062	-106.471698
154	0.3	3.58	31.786931	-106.472361
155	0.3	3.58	31.78669	-106.472957
156	0.3	3.56	31.786581	-106.473623
157	0.3	3.56	31.786366	-106.47423
158	0.29	3.54	31.786277	-106.474896
159	0.29	3.54	31.786074	-106.475505
160	0.29	3.53	31.786006	-106.476173
161	0.29	3.53	31.785829	-106.476791
162	0.29	3.51	31.785782	-106.477458
163	0.29	3.5	31.785745	-106.478123
164	0.28	3.48	31.785719	-106.478786
165	0.28	3.47	31.785712	-106.47945
166	0.28	3.47	31.785576	-106.480069
167	0.28	3.45	31.78558	-106.480728
168	0.27	3.44	31.785604	-106.481385
169	0.27	3.42	31.785637	-106.482039
170	0.27	3.4	31.785681	-106.48269
171	0.27	3.39	31.785735	-106.483336
172	0.26	3.37	31.785799	-106.483979
173	0.26	3.36	31.785864	-106.484615

Bearing (0°)	ERP W	Distance km	Lat	Lon
174	0.26	3.34	31.785948	-106.485249
175	0.25	3.31	31.786184	-106.485893
176	0.25	3.29	31.786296	-106.486515
177	0.25	3.27	31.786417	-106.487131
178	0.25	3.26	31.786547	-106.487741
179	0.24	3.24	31.786687	-106.488346
180	0.24	3.21	31.786988	-106.488944
181	0.24	3.17	31.787289	-106.489531
182	0.23	3.12	31.787761	-106.490098
183	0.22	3.09	31.788097	-106.490655
184	0.22	3.04	31.788593	-106.491185
185	0.21	3	31.788953	-106.491711
186	0.21	2.96	31.789338	-106.492221
187	0.2	2.94	31.789631	-106.492729
188	0.19	2.9	31.790039	-106.493209
189	0.19	2.87	31.790337	-106.493695
190	0.18	2.83	31.790748	-106.494148
191	0.18	2.82	31.790953	-106.494634
192	0.18	2.79	31.791278	-106.495085
193	0.18	2.78	31.791505	-106.495553
194	0.17	2.75	31.791859	-106.495977
195	0.17	2.72	31.792228	-106.496386
196	0.17	2.7	31.792463	-106.496829
197	0.16	2.67	31.792824	-106.497221
198	0.16	2.66	31.793062	-106.497649
199	0.16	2.63	31.793449	-106.498012
200	0.15	2.6	31.793841	-106.498362
201	0.16	2.63	31.793766	-106.498911
202	0.16	2.65	31.793692	-106.499469
203	0.16	2.67	31.793735	-106.49998
204	0.17	2.69	31.793688	-106.500544
205	0.17	2.71	31.793766	-106.501051
206	0.17	2.73	31.793731	-106.501627
207	0.18	2.76	31.793682	-106.502223
208	0.18	2.78	31.793747	-106.502761
209	0.18	2.81	31.793743	-106.503351
210	0.18	2.82	31.793859	-106.503871
211	0.19	2.86	31.793798	-106.504521
212	0.19	2.88	31.793849	-106.505106
213	0.2	2.92	31.793806	-106.505774
214	0.21	2.94	31.793872	-106.506372
215	0.21	2.98	31.793861	-106.507044
216	0.22	3.01	31.793944	-106.507655
217	0.22	3.06	31.793873	-106.508413
218	0.23	3.09	31.793931	-106.509076

Bearing (0°)	ERP W	Distance km	Lat	Lon
219	0.24	3.14	31.79389	-106.509849
220	0.24	3.17	31.793969	-106.510528
221	0.24	3.21	31.794062	-106.511209
222	0.25	3.23	31.794275	-106.511781
223	0.25	3.24	31.794505	-106.512343
224	0.25	3.26	31.794745	-106.512902
225	0.25	3.27	31.795002	-106.513451
226	0.26	3.31	31.795175	-106.514111
227	0.26	3.32	31.795453	-106.514655
228	0.26	3.34	31.795747	-106.515188
229	0.27	3.35	31.796051	-106.515716
230	0.27	3.37	31.796364	-106.51624
231	0.27	3.38	31.796693	-106.516751
232	0.27	3.4	31.797025	-106.517265
233	0.28	3.41	31.797366	-106.517773
234	0.28	3.43	31.797717	-106.518277
235	0.28	3.43	31.798155	-106.518644
236	0.28	3.44	31.798518	-106.519143
237	0.29	3.46	31.798895	-106.519627
238	0.29	3.47	31.799276	-106.520114
239	0.29	3.49	31.799671	-106.520585
240	0.29	3.49	31.800139	-106.520922
241	0.29	3.51	31.800541	-106.521397
242	0.29	3.51	31.80102	-106.521715
243	0.3	3.52	31.801447	-106.522156
244	0.3	3.52	31.801934	-106.522465
245	0.3	3.54	31.802376	-106.52289
246	0.3	3.54	31.802878	-106.52317
247	0.3	3.56	31.803331	-106.523587
248	0.3	3.56	31.803844	-106.523849
249	0.3	3.57	31.804318	-106.524228
250	0.3	3.57	31.804837	-106.524479
251	0.32	3.64	31.80516	-106.5254
252	0.33	3.71	31.805511	-106.526308
253	0.35	3.78	31.805887	-106.527203
254	0.36	3.85	31.806292	-106.528073
255	0.38	3.91	31.806723	-106.528927
256	0.39	3.98	31.807177	-106.529766
257	0.41	4.05	31.80764	-106.530669
258	0.42	4.12	31.808118	-106.531618
259	0.44	4.2	31.808623	-106.532549
260	0.45	4.27	31.809156	-106.533452
261	0.49	4.44	31.809578	-106.535359
262	0.53	4.59	31.810079	-106.537053
263	0.58	4.75	31.810618	-106.538834

Bearing (0°)	ERP W	Distance km	Lat	Lon
264	0.62	4.89	31.811226	-106.540418
265	0.67	5.04	31.811869	-106.542118
266	0.71	5.19	31.812563	-106.543776
267	0.76	5.35	31.813301	-106.545515
268	0.81	5.49	31.814097	-106.547029
269	0.86	5.64	31.814934	-106.548633
270	0.91	5.77	31.815819	-106.550051
271	0.97	5.91	31.816746	-106.551524
272	1.02	6.04	31.817715	-106.552881
273	1.08	6.18	31.818726	-106.554282
274	1.14	6.32	31.819779	-106.555638
275	1.19	6.45	31.820869	-106.556929
276	1.26	6.59	31.822007	-106.558279
277	1.32	6.71	31.823168	-106.559434
278	1.38	6.83	31.824365	-106.560563
279	1.45	6.95	31.825592	-106.561611
280	1.51	7.08	31.826865	-106.562724
281	1.56	7.17	31.828115	-106.563443
282	1.6	7.25	31.829371	-106.564029
283	1.65	7.33	31.830642	-106.564555
284	1.7	7.42	31.831952	-106.565144
285	1.74	7.49	31.833256	-106.565579
286	1.79	7.57	31.83457	-106.565953
287	1.84	7.65	31.835932	-106.566417
288	1.89	7.72	31.837275	-106.566708
289	1.94	7.79	31.838636	-106.566977
290	1.98	7.86	31.840001	-106.567184
291	2.03	7.93	31.841377	-106.567348
292	2.07	7.99	31.842727	-106.567372
293	2.12	8.06	31.844146	-106.567529
294	2.17	8.13	31.845537	-106.567546
295	2.21	8.19	31.846937	-106.567529
296	2.26	8.26	31.848374	-106.567545
297	2.31	8.32	31.849783	-106.56744
298	2.36	8.39	31.851229	-106.567367
299	2.4	8.44	31.85263	-106.567148
300	2.45	8.5	31.854036	-106.566894
301	2.5	8.56	31.855482	-106.566679
302	2.56	8.63	31.856934	-106.566428
303	2.61	8.69	31.85838	-106.566123
304	2.67	8.75	31.859809	-106.565747
305	2.73	8.8	31.861225	-106.565309
306	2.78	8.86	31.862641	-106.564837
307	2.84	8.92	31.864073	-106.564355
308	2.9	8.97	31.865472	-106.563786

Bearing (0°)	ERP W	Distance km	Lat	Lon
309	2.96	9.02	31.866863	-106.563175
310	3.01	9.06	31.868198	-106.562457
311	3.06	9.1	31.869528	-106.561706
312	3.1	9.13	31.87078	-106.560828
313	3.15	9.16	31.872021	-106.559921
314	3.19	9.19	31.873246	-106.558977
315	3.23	9.21	31.874422	-106.557959
316	3.29	9.25	31.875644	-106.55698
317	3.33	9.26	31.876749	-106.555857
318	3.38	9.28	31.877832	-106.554701
319	3.42	9.29	31.8789	-106.553522
320	3.47	9.3	31.879917	-106.552284
321	3.49	9.3	31.880839	-106.550951
322	3.52	9.29	31.881699	-106.54956
323	3.55	9.29	31.882559	-106.548172
324	3.58	9.29	31.883398	-106.546767
325	3.59	9.28	31.884194	-106.545327
326	3.62	9.28	31.885035	-106.543925
327	3.65	9.28	31.885825	-106.542483
328	3.68	9.28	31.886585	-106.54102
329	3.71	9.27	31.887285	-106.539514
330	3.73	9.25	31.887891	-106.537948
331	3.74	9.22	31.888371	-106.536306
332	3.74	9.18	31.888697	-106.534579
333	3.74	9.13	31.888986	-106.532848
334	3.74	9.06	31.889061	-106.531012
335	3.75	8.99	31.889144	-106.52921
336	3.75	8.91	31.889072	-106.527352
337	3.76	8.84	31.888993	-106.525522
338	3.76	8.74	31.888732	-106.523635
339	3.77	8.66	31.888572	-106.521831
340	3.77	8.58	31.888322	-106.52002
341	3.8	8.51	31.888219	-106.518301
342	3.83	8.42	31.88784	-106.5165
343	3.86	8.29	31.887162	-106.514629
344	3.89	8.15	31.886296	-106.512741
345	3.92	7.98	31.885144	-106.510817
346	3.95	7.8	31.883896	-106.50893
347	3.98	7.55	31.882008	-106.506937
348	4	7.26	31.879687	-106.504928
349	4.03	6.93	31.876992	-106.502944
350	4.06	6.48	31.873249	-106.500866
351	4.14	6	31.869144	-106.498887
352	4.21	5.37	31.863619	-106.496852
353	4.29	4.62	31.857078	-106.494907

Bearing (0°)	ERP W	Distance km	Lat	Lon
354	4.37	3.63	31.848286	-106.49296
355	4.44	2.64	31.839488	-106.491381
356	4.52	2.65	31.839619	-106.490902
357	4.59	2.66	31.839726	-106.490418
358	4.68	3.57	31.847942	-106.490264
359	4.75	4.61	31.857327	-106.489797

Proposed K206CS, El Paso, TX FAC# 121807
Table 2. Data for 40 dBμ F(50,10) Contour
28-Apr-21

Bearing (°)	ERP W	Distance km	Lat	Lon
0	4.83	17.72	31.975206	-106.488944
1	4.9	20.54	32.000587	-106.485142
2	4.98	22.93	32.021941	-106.480455
3	5.06	24.69	32.037637	-106.475232
4	5.13	26.06	32.049629	-106.469656
5	5.21	27.19	32.059477	-106.463793
6	5.29	28.09	32.067126	-106.457777
7	5.37	28.94	32.074186	-106.451508
8	5.45	29.67	32.080067	-106.445116
9	5.53	30.4	32.085914	-106.438454
10	5.6	31.11	32.091413	-106.431586
11	5.63	31.71	32.095799	-106.424703
12	5.67	32.36	32.100539	-106.417502
13	5.7	33.11	32.106008	-106.409851
14	5.73	33.83	32.111055	-106.402035
15	5.76	34.56	32.116088	-106.393945
16	5.8	35.36	32.121531	-106.38543
17	5.82	36.2	32.127146	-106.376539
18	5.86	36.91	32.131503	-106.367804
19	5.89	37.62	32.135745	-106.358834
20	5.92	38.26	32.139097	-106.349961
21	5.89	38.76	32.141242	-106.341385
22	5.86	39.16	32.142304	-106.333121
23	5.82	39.47	32.142475	-106.325143
24	5.8	39.79	32.142649	-106.317037
25	5.76	40	32.141784	-106.309371
26	5.73	40.28	32.141309	-106.301388
27	5.7	40.53	32.140479	-106.293502
28	5.67	40.76	32.139356	-106.285692
29	5.63	40.93	32.137675	-106.27815
30	5.6	41.16	32.136243	-106.270359
31	5.53	41.26	32.133761	-106.263216
32	5.45	41.29	32.130578	-106.256544
33	5.37	41.37	32.127641	-106.249669
34	5.29	41.39	32.124223	-106.243141
35	5.21	41.36	32.12034	-106.236988
36	5.13	41.33	32.116339	-106.230945
37	5.06	41.3	32.112244	-106.224996
38	4.98	41.27	32.108051	-106.219152

Bearing (°)	ERP W	Distance km	Lat	Lon
39	4.9	41.19	32.103455	-106.213708
40	4.83	41.11	32.098772	-106.208385
41	4.75	41.03	32.094013	-106.203178
42	4.68	40.94	32.089152	-106.198118
43	4.59	40.78	32.083774	-106.193672
44	4.52	40.65	32.078496	-106.189189
45	4.44	40.49	32.073002	-106.185029
46	4.37	40.36	32.067609	-106.180828
47	4.29	40.22	32.062163	-106.176764
48	4.21	40.05	32.056512	-106.173044
49	4.14	39.92	32.051003	-106.16922
50	4.06	39.77	32.045327	-106.165707
51	4.03	39.73	32.040312	-106.161312
52	4	39.66	32.035011	-106.15737
53	3.98	39.62	32.029877	-106.153206
54	3.95	39.55	32.02447	-106.149505
55	3.92	39.51	32.019225	-106.145577
56	3.89	39.44	32.013726	-106.142113
57	3.86	39.4	32.008382	-106.138415
58	3.83	39.33	32.002794	-106.135201
59	3.8	39.29	31.997358	-106.131736
60	3.77	39.22	31.991693	-106.128765
61	3.77	39.26	31.986494	-106.12485
62	3.76	39.23	31.98096	-106.121648
63	3.76	39.27	31.975646	-106.117949
64	3.75	39.24	31.970022	-106.114968
65	3.75	39.28	31.964599	-106.111489
66	3.74	39.26	31.958885	-106.10875
67	3.74	39.26	31.953225	-106.105877
68	3.74	39.27	31.94757	-106.102984
69	3.74	39.27	31.941826	-106.100345
70	3.73	39.24	31.935965	-106.098085
71	3.71	39.19	31.930002	-106.096198
72	3.68	39.12	31.923949	-106.0947
73	3.65	39.08	31.917987	-106.092935
74	3.62	39	31.911908	-106.091703
75	3.59	38.92	31.905823	-106.0906
76	3.58	38.87	31.89979	-106.089359
77	3.55	38.79	31.893697	-106.088513
78	3.52	38.72	31.887603	-106.087795
79	3.49	38.64	31.88151	-106.087216
80	3.47	38.56	31.87542	-106.086775
81	3.42	38.42	31.869266	-106.087007
82	3.38	38.33	31.863182	-106.086969

Bearing (°)	ERP W	Distance km	Lat	Lon
83	3.33	38.2	31.857071	-106.08749
84	3.29	38.06	31.850988	-106.088139
85	3.23	37.9	31.844916	-106.089221
86	3.19	37.76	31.838902	-106.090145
87	3.15	37.62	31.832924	-106.091204
88	3.1	37.48	31.826984	-106.092407
89	3.06	37.34	31.821084	-106.093733
90	3.01	37.17	31.815228	-106.095487
91	2.96	37	31.809426	-106.097381
92	2.9	36.84	31.803676	-106.099298
93	2.84	36.64	31.798002	-106.101764
94	2.78	36.43	31.792398	-106.104365
95	2.73	36.22	31.786868	-106.107108
96	2.67	36.01	31.781412	-106.109971
97	2.61	35.84	31.775991	-106.112553
98	2.56	35.63	31.77069	-106.11568
99	2.5	35.41	31.765472	-106.11893
100	2.45	35.23	31.760274	-106.121874
101	2.4	35.05	31.755169	-106.125042
102	2.36	34.87	31.75012	-106.128194
103	2.31	34.66	31.745201	-106.131719
104	2.26	34.49	31.740304	-106.135048
105	2.21	34.28	31.735562	-106.138805
106	2.17	34.13	31.73074	-106.141967
107	2.12	33.95	31.726094	-106.145624
108	2.07	33.73	31.721622	-106.149697
109	2.03	33.59	31.717043	-106.153169
110	1.98	33.4	31.712646	-106.157072
111	1.94	33.22	31.708341	-106.161072
112	1.89	33.07	31.704004	-106.164804
113	1.84	32.95	31.699625	-106.168283
114	1.79	32.84	31.695318	-106.171852
115	1.74	32.75	31.690974	-106.175232
116	1.7	32.65	31.686706	-106.178721
117	1.65	32.55	31.682531	-106.182355
118	1.6	32.52	31.678158	-106.185478
119	1.56	32.44	31.674011	-106.189056
120	1.51	32.29	31.670286	-106.193434
121	1.45	32.05	31.667033	-106.198623
122	1.38	31.77	31.664095	-106.204239
123	1.32	31.45	31.661485	-106.210257
124	1.26	31.11	31.659077	-106.216418
125	1.19	30.66	31.657388	-106.223567
126	1.14	30.27	31.655551	-106.230199

Bearing (°)	ERP W	Distance km	Lat	Lon
127	1.08	29.85	31.653986	-106.237017
128	1.02	29.46	31.652463	-106.243653
129	0.97	29.03	31.651307	-106.250593
130	0.91	28.59	31.650342	-106.257554
131	0.86	28.18	31.649367	-106.264258
132	0.81	27.7	31.648956	-106.27147
133	0.76	27.25	31.648503	-106.278376
134	0.71	26.78	31.648355	-106.285415
135	0.67	26.32	31.648293	-106.292313
136	0.62	25.81	31.648727	-106.299539
137	0.58	25.35	31.648941	-106.306269
138	0.53	24.82	31.649839	-106.313497
139	0.49	24.32	31.650661	-106.320388
140	0.45	23.76	31.65205	-106.327599
141	0.44	23.52	31.651347	-106.332563
142	0.42	23.28	31.650763	-106.337526
143	0.41	23.01	31.650455	-106.342623
144	0.39	22.77	31.650095	-106.347557
145	0.38	22.52	31.649867	-106.35249
146	0.36	22.24	31.649906	-106.357525
147	0.35	21.98	31.649945	-106.362441
148	0.33	21.72	31.650071	-106.36731
149	0.32	21.44	31.650484	-106.372271
150	0.3	21.17	31.650891	-106.377109
151	0.3	21.15	31.649399	-106.3806
152	0.3	21.08	31.648405	-106.384396
153	0.3	21.06	31.647025	-106.387932
154	0.3	20.98	31.646151	-106.391751
155	0.3	20.97	31.644882	-106.395325
156	0.3	20.89	31.644111	-106.399153
157	0.3	20.86	31.643112	-106.40284
158	0.29	20.79	31.642471	-106.406683
159	0.29	20.77	31.641437	-106.410322
160	0.29	20.67	31.641075	-106.414241
161	0.29	20.66	31.640155	-106.417901
162	0.29	20.58	31.639762	-106.421754
163	0.29	20.51	31.63942	-106.425599
164	0.28	20.43	31.639147	-106.42944
165	0.28	20.34	31.6391	-106.433325
166	0.28	20.32	31.638468	-106.437005
167	0.28	20.25	31.638382	-106.440827
168	0.27	20.15	31.638513	-106.444676
169	0.27	20.08	31.638546	-106.448469
170	0.27	19.98	31.638805	-106.452281

Bearing (°)	ERP W	Distance km	Lat	Lon
171	0.27	19.87	31.639292	-106.456102
172	0.26	19.78	31.639678	-106.459866
173	0.26	19.7	31.639944	-106.463578
174	0.26	19.61	31.640435	-106.467291
175	0.25	19.48	31.641332	-106.471012
176	0.25	19.36	31.642116	-106.474676
177	0.25	19.23	31.643143	-106.478314
178	0.25	19.09	31.644234	-106.481906
179	0.24	18.95	31.645379	-106.485449
180	0.24	18.76	31.64708	-106.488944
181	0.24	18.57	31.64885	-106.492368
182	0.23	18.27	31.651587	-106.495682
183	0.22	18.05	31.653688	-106.498927
184	0.22	17.77	31.656364	-106.502045
185	0.21	17.51	31.658957	-106.505069
186	0.21	17.18	31.662136	-106.507923
187	0.2	16.91	31.664843	-106.510726
188	0.19	16.63	31.667736	-106.513399
189	0.19	16.46	31.669578	-106.516161
190	0.18	16.23	31.672024	-106.518739
191	0.18	16.15	31.67322	-106.521516
192	0.18	15.94	31.675564	-106.523977
193	0.18	15.76	31.677709	-106.526414
194	0.17	15.46	31.680921	-106.52847
195	0.17	15.16	31.684109	-106.53042
196	0.17	15.03	31.68592	-106.532719
197	0.16	14.9	31.687638	-106.535001
198	0.16	14.86	31.688717	-106.53748
199	0.16	14.65	31.6912	-106.539375
200	0.15	14.42	31.693928	-106.541087
201	0.16	14.44	31.694577	-106.543644
202	0.16	14.54	31.694523	-106.546542
203	0.16	14.61	31.69489	-106.549273
204	0.17	14.66	31.695318	-106.551999
205	0.17	14.66	31.696272	-106.554461
206	0.17	14.81	31.696081	-106.55758
207	0.18	15.1	31.694792	-106.561416
208	0.18	15.33	31.694042	-106.565038
209	0.18	15.53	31.693654	-106.568523
210	0.18	15.57	31.69451	-106.57125
211	0.19	15.68	31.694909	-106.574319
212	0.19	15.77	31.695544	-106.577263
213	0.2	15.96	31.695408	-106.580833
214	0.21	16.13	31.695506	-106.584305

Bearing (°)	ERP W	Distance km	Lat	Lon
215	0.21	16.34	31.695383	-106.588037
216	0.22	16.48	31.695895	-106.591325
217	0.22	16.65	31.69621	-106.594851
218	0.23	16.8	31.696742	-106.598258
219	0.24	17.04	31.696674	-106.602306
220	0.24	17.25	31.696932	-106.606152
221	0.24	17.46	31.697248	-106.610043
222	0.25	17.62	31.698004	-106.613575
223	0.25	17.76	31.698962	-106.616967
224	0.25	17.88	31.700114	-106.620212
225	0.25	17.97	31.701461	-106.623292
226	0.26	18.1	31.702657	-106.626606
227	0.26	18.18	31.704255	-106.629488
228	0.26	18.23	31.706031	-106.63218
229	0.27	18.28	31.707859	-106.634835
230	0.27	18.34	31.709732	-106.637459
231	0.27	18.39	31.71165	-106.64005
232	0.27	18.44	31.713613	-106.642607
233	0.28	18.5	31.715625	-106.645121
234	0.28	18.57	31.717564	-106.647788
235	0.28	18.57	31.719935	-106.649782
236	0.28	18.66	31.721851	-106.652568
237	0.29	18.74	31.723933	-106.65512
238	0.29	18.86	31.725848	-106.65804
239	0.29	18.95	31.727928	-106.660723
240	0.29	19	31.73029	-106.662906
241	0.29	19.11	31.732363	-106.665736
242	0.29	19.16	31.734807	-106.667845
243	0.3	19.26	31.737075	-106.670396
244	0.3	19.32	31.739517	-106.672614
245	0.3	19.42	31.741886	-106.675075
246	0.3	19.46	31.744492	-106.677001
247	0.3	19.56	31.746953	-106.679373
248	0.3	19.6	31.749639	-106.681192
249	0.3	19.68	31.752261	-106.683255
250	0.3	19.72	31.755016	-106.68497
251	0.32	20.02	31.757055	-106.68917
252	0.33	20.29	31.759267	-106.693105
253	0.35	20.59	31.761531	-106.69719
254	0.36	20.85	31.763969	-106.70096
255	0.38	21.11	31.766506	-106.704672
256	0.39	21.37	31.769143	-106.708323
257	0.41	21.6	31.771928	-106.711652
258	0.42	21.83	31.774807	-106.714882

Bearing (°)	ERP W	Distance km	Lat	Lon
259	0.44	22.06	31.777774	-106.71803
260	0.45	22.28	31.780821	-106.721125
261	0.49	22.81	31.783522	-106.727287
262	0.53	23.27	31.786468	-106.73281
263	0.58	23.8	31.789506	-106.738862
264	0.62	24.27	31.792765	-106.744315
265	0.67	24.77	31.796152	-106.750046
266	0.71	25.22	31.799732	-106.755208
267	0.76	25.71	31.803444	-106.760629
268	0.81	26.12	31.807337	-106.765205
269	0.86	26.59	31.811349	-106.770371
270	0.91	27.02	31.815514	-106.774935
271	0.97	27.49	31.819817	-106.779848
272	1.02	27.93	31.824261	-106.784479
273	1.08	28.39	31.828845	-106.789079
274	1.14	28.84	31.833565	-106.793516
275	1.19	29.29	31.838423	-106.797902
276	1.26	29.78	31.843445	-106.802507
277	1.32	30.21	31.848558	-106.806484
278	1.38	30.71	31.853869	-106.810964
279	1.45	31.16	31.859259	-106.81484
280	1.51	31.63	31.864816	-106.818873
281	1.56	31.92	31.870188	-106.820821
282	1.6	32.21	31.875625	-106.822607
283	1.65	32.45	31.881051	-106.823856
284	1.7	32.73	31.886601	-106.825312
285	1.74	32.96	31.892126	-106.826253
286	1.79	33.16	31.897605	-106.826671
287	1.84	33.43	31.903291	-106.827635
288	1.89	33.62	31.908829	-106.827731
289	1.94	33.84	31.914492	-106.828033
290	1.98	34.03	31.920076	-106.827827
291	2.03	34.22	31.925674	-106.827463
292	2.07	34.37	31.931179	-106.826638
293	2.12	34.55	31.936794	-106.825972
294	2.17	34.69	31.942305	-106.824858
295	2.21	34.84	31.947814	-106.823609
296	2.26	34.97	31.95329	-106.82215
297	2.31	35.12	31.95882	-106.8207
298	2.36	35.27	31.964323	-106.819067
299	2.4	35.38	31.969673	-106.816993
300	2.45	35.48	31.974993	-106.81477
301	2.5	35.62	31.980428	-106.812693
302	2.56	35.75	31.985835	-106.810463

303	2.61	35.88	31.991221	-106.808101
304	2.67	35.97	31.996373	-106.805235
305	2.73	36.06	32.001488	-106.802246
306	2.78	36.15	32.006554	-106.799116
307	2.84	36.27	32.011793	-106.796203
308	2.9	36.35	32.016761	-106.792801
309	2.96	36.43	32.021677	-106.789271
310	3.01	36.48	32.026376	-106.785386
311	3.06	36.52	32.031023	-106.781398
312	3.1	36.54	32.035423	-106.777057
313	3.15	36.55	32.039742	-106.7726
314	3.19	36.57	32.043995	-106.768052
315	3.23	36.54	32.047909	-106.763093
316	3.29	36.53	32.051914	-106.758249
317	3.33	36.45	32.05536	-106.752786
318	3.38	36.38	32.058716	-106.747263
319	3.42	36.3	32.061974	-106.741676
320	3.47	36.17	32.064798	-106.735691
321	3.49	36.03	32.067456	-106.729607
322	3.52	35.85	32.069706	-106.723206
323	3.55	35.66	32.0718	-106.716748
324	3.58	35.48	32.073803	-106.710294
325	3.59	35.31	32.075825	-106.703938
326	3.62	35.17	32.077916	-106.697708
327	3.65	34.99	32.079593	-106.691221
328	3.68	34.82	32.081272	-106.684812
329	3.71	34.61	32.082527	-106.678172
330	3.73	34.38	32.083518	-106.671439
331	3.74	34.09	32.083905	-106.664402
332	3.74	33.74	32.083704	-106.657117
333	3.74	33.38	32.083243	-106.649816
334	3.74	32.94	32.082017	-106.642222
335	3.75	32.52	32.080877	-106.634855
336	3.75	32.06	32.079181	-106.627362
337	3.76	31.59	32.077346	-106.619984
338	3.76	31.04	32.074631	-106.612369
339	3.77	30.55	32.072276	-106.605137
340	3.77	30.03	32.069566	-106.597945
341	3.8	29.63	32.067812	-106.591346
342	3.83	29.14	32.06511	-106.584533
343	3.86	28.58	32.061614	-106.577621
344	3.89	27.97	32.057627	-106.570761
345	3.92	27.3	32.052949	-106.563914
346	3.95	26.59	32.047855	-106.5572
347	3.98	25.73	32.041305	-106.550357
348	4	24.8	32.034044	-106.54366
349	4.03	23.76	32.025588	-106.537037

Bearing (°)	ERP W	Distance km	Lat	Lon
350	4.06	22.17	32.012177	-106.529775
351	4.14	20.27	31.995946	-106.522582
352	4.21	17.57	31.972343	-106.514874
353	4.29	14.49	31.945172	-106.50766
354	4.37	11.44	31.918174	-106.501617
355	4.44	8.23	31.88962	-106.496548
356	4.52	8.28	31.890099	-106.495061
357	4.59	8.31	31.89051	-106.493554
358	4.68	11.26	31.91704	-106.493108
359	4.75	14.46	31.945828	-106.491618