



ENGINEERING STATEMENT

In support of an
Application for Construction Permit

For Digital Channel 26

KVTH Hot Springs, AR

66.4 kW ERP 258 m HAAT

PURPOSE

MARSAND, INC. has been retained by Agape Church, Inc., the licensee of KVTH analog Channel 26 of Hot Springs, AR, to prepare this engineering statement in support of an Application for Construction Permit (CP) for post-transition digital service on KVTH-DT Channel 26. There is a CP for the paired transitional digital Channel 14 (BPCDT-19990924AAP), but a form 382 was filed electing to “flash cut” on the existing, licensed analog Channel 26 (BFRECT-20050208AEF). Subsequently, the Federal Communications Commission (the “Commission”) established Channel 26 for KVTH’s post-transition operation in its release of the Seventh Report and Order in MB Docket No. 87-258 Appendix B (“Appendix B”). In this application, KVTH-DT seeks authorization for post-transitional digital operation on its Channel 26 at 66.4 kW Effective Radiated Power (ERP) and 258 m Height Above Average Terrain (HAAT) utilizing the existing, analog directional antenna.

DISCUSSION

KVTH-DT proposes to use the existing, licensed analog Channel 26 antenna and install a new digital transmitter and new RF filter for digital service. Since the predicted 41 dBu F(50,90) contour of the proposed digital facilities would fall outside of the predicted DTV F(50,90) service grade contour (see **Figure 1**) of the allotted digital facility specified in Appendix B, KVTH-DT requests a waiver of the DTV Filing Freeze as permitted in Paragraph 151 of the Third Periodic Review Report and Order. The predicted contour of the proposed

digital facility does not extend more than 5 miles in any azimuth more than the predicted contour of the allotted facility in Appendix B (See **Table 1**). Furthermore, an interference study using the TV Process by Techware (a software program which is familiar to the Commission that is written in Fortran and run on a Sun Microsystems workstation and employs the methods outlined in the OET 69 Bulletin), confirms that the proposed facility would not exceed 0.5% new interference to any other station listed in Appendix B. A summary of the interference study is listed in **Table 2**.

The predicted F(50,90) 48 dBu contour would encompass the principal community, Hot Springs, AR, entirely as shown in **Figure 1**. A population study under the 41 dBu contour predicts service to 254,316 people or 100% of the population specified in the new DTV Table Appendix B.

There is no additional predicted interference to others based on the DTV Table Appendix B. The proposal is clear of any FCC monitoring stations, quiet zones, and Table Mountain. It is also further than 3.2 km from the nearest AM station.

CONCLUSION

It is respectfully requested that the Commission grant this request for CP for the proposed transmission facility as indicated in the accompanying TECH BOX.

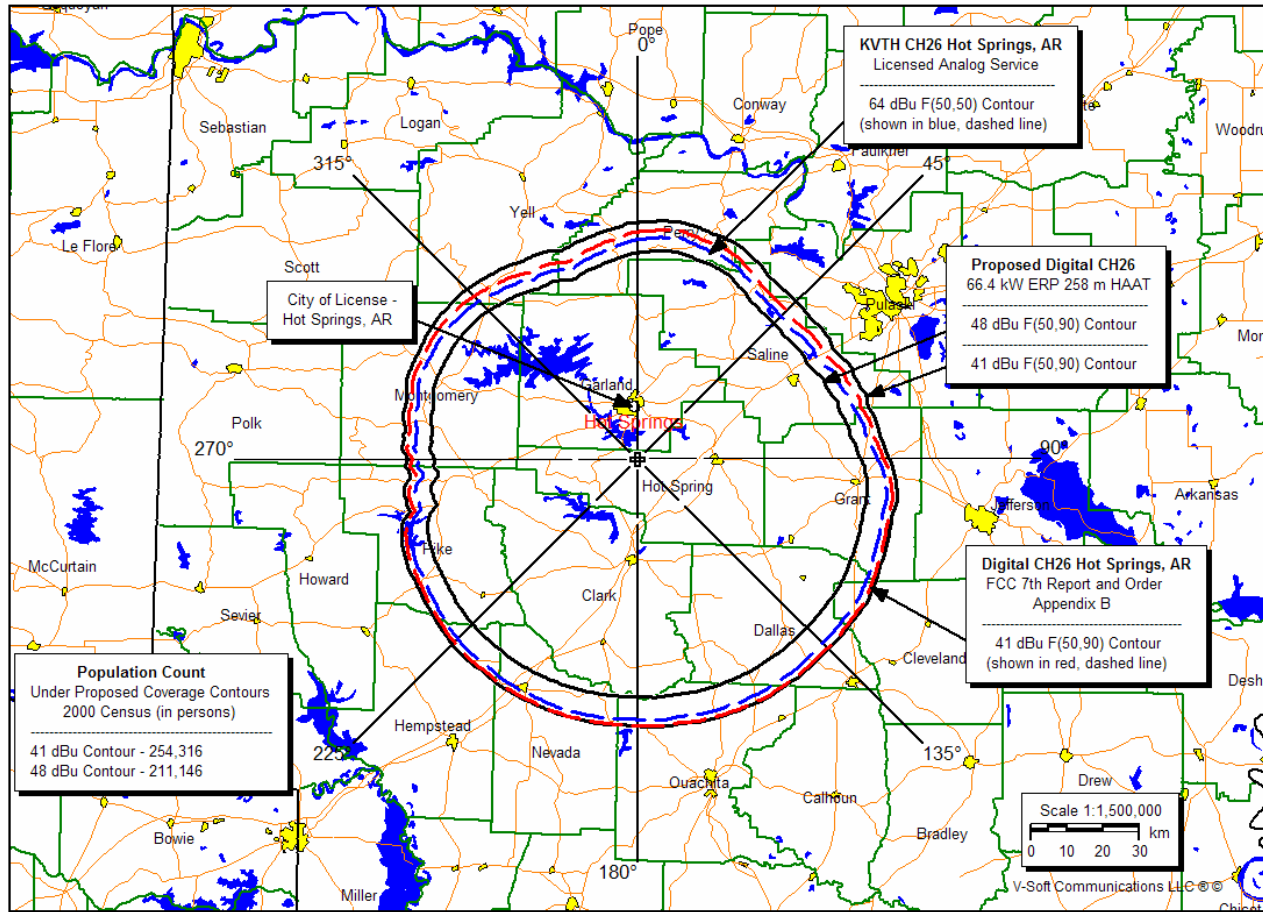


Figure 1 – Coverage Map of the Proposal

41 dBu F(50,90) Contour based on V-Soft 3 second US Terrain			
Bearing (deg)	Proposed Facility Distance (km)	Appendix B Allotted Facility Distance (km)	Difference (km)
0	64.7	62.1	2.6
10	65.9	63.4	2.5
20	65.1	62.5	2.6
30	63.4	60.3	3.1
40	61.2	57.6	3.6
50	61.0	57.4	3.6
60	61.5	58.5	3.0
70	63.6	61.3	2.3
80	65.8	64.0	1.8
90	68.8	67.2	1.6
100	71.6	70.4	1.2
110	72.1	71.1	1.0
120	73.5	72.8	0.7
130	73.7	73.1	0.6
140	73.8	73.5	0.3
150	74.2	73.9	0.3
160	73.9	73.7	0.2
170	73.2	73.0	0.2
180	73.0	72.8	0.2
190	73.0	72.8	0.2
200	72.8	72.5	0.3
210	72.5	72.1	0.4
220	71.8	71.3	0.5
230	70.8	70.1	0.7
240	69.4	68.4	1.0
250	68.3	67.1	1.2
260	64.1	62.9	1.2
270	62.8	61.5	1.3
280	64.9	63.5	1.4
290	66.8	65.2	1.6
300	66.8	65.0	1.8
310	66.3	64.1	2.2
320	64.7	61.7	3.0
330	62.5	58.8	3.7
340	60.8	57.2	3.6
350	62.6	59.5	3.1

Note: A Difference > 8 km would exceed the 5 mile limitation.

Table 1 – Contour Comparison of the Proposal vs. Appendix B Allotment
(A more complete table showing 1 degree intervals can be found in the Appendix)

Stations Potentially Affected by Proposal	Interference	
	Existing	New
KLTS-TV Shreveport, LA	(See Note 1)	
KLPA-TV Alexandria, LA	(See Note 2)	
KTEN Ada, OK	(See Note 2)	
KTVE El Dorado, AR	(See Note 2)	
KFTA-TV Fort Smith, AR	(See Note 2)	

Notes:

1. Proposed Station is beyond the site to the nearest cell
2. Proposal causes no interference.

Table 2 – Summary of Interference Analysis of the Proposal



MARSAND, INC.

Matthew A. Sanderford, Jr., P.E.

DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by Agape Church, Inc., to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by Agape Church, Inc., and as to those facts, he believes them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Matthew A. Sanderford, Jr., P.E.

President - MARSAND, INC.

Executed this 21st day of April, 2008

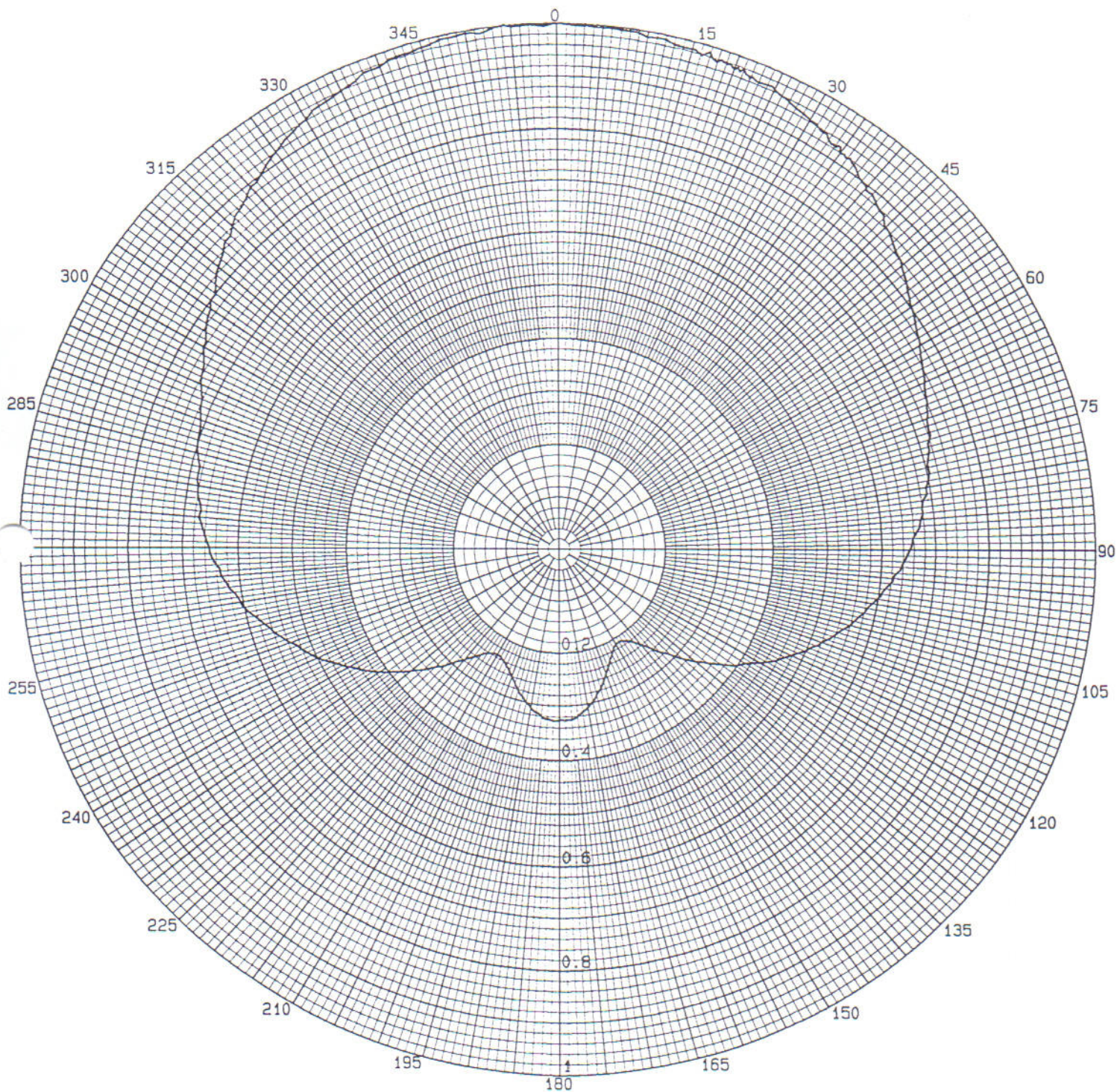
State of Texas

Appendix

KVTH FINAL PATTERNS
FILENAME: KVTHFPAT.001
FREQ: 547.750 MHz
POLARIZATION:

01/10/95 11:26:20

PLOT: Channel 1
B = 0.00 Degrees

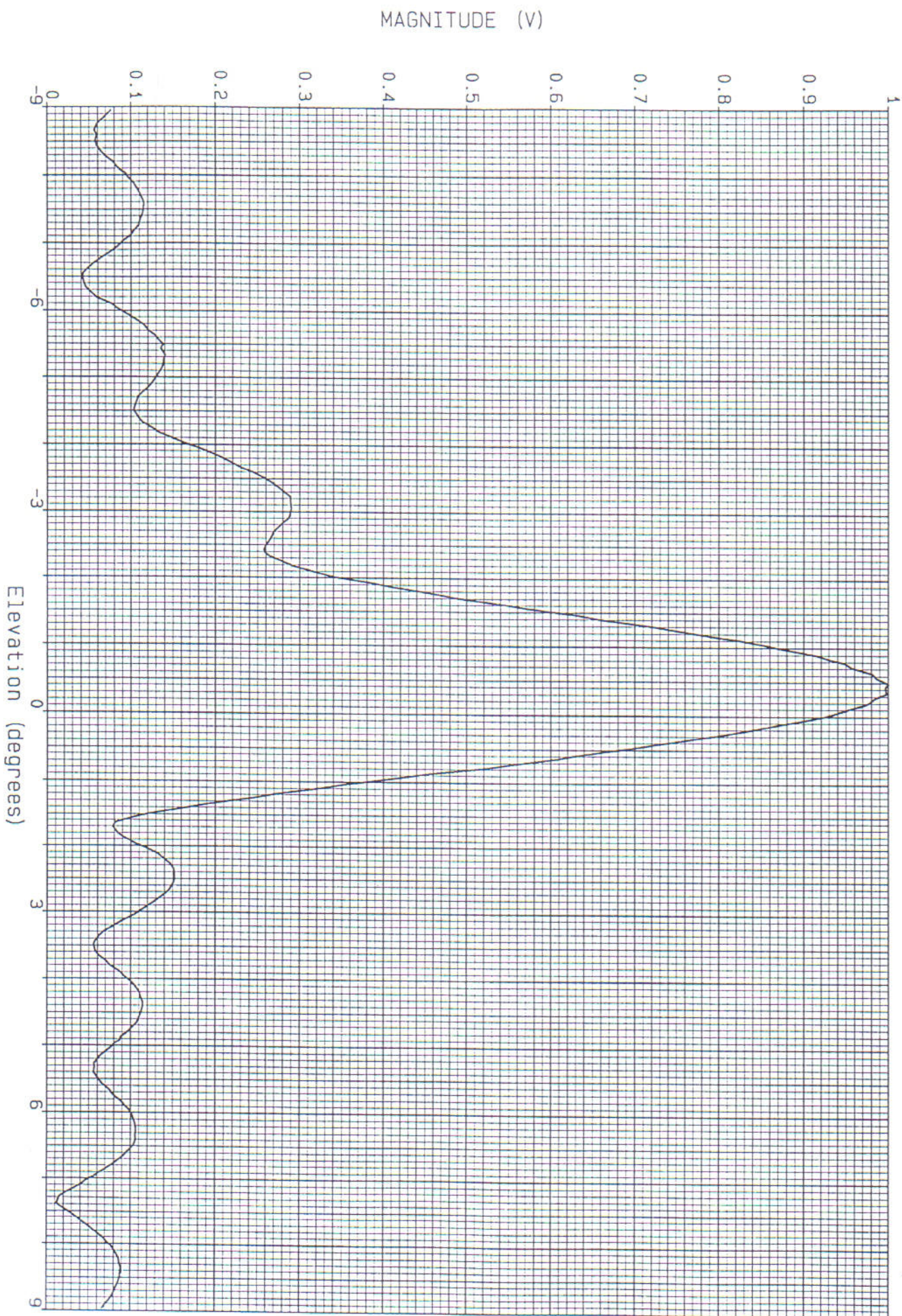


Data: —

Magnitude V vs. Elevation

KVTH FINAL PATTERNS
FILENAME: KVTHFPAT.004
FREQ: 543.250 MHz
POLARIZATION:
B = 0.00 Degrees

01/09/95 15:14:57
PLOT: Channel 1
Data: _____



Contour Comparison - Proposed vs. Appendix B
36 dBu F(50,90) Contours - 3 second US Terrain

Bearing (deg)	Proposed Facility Distance (km)	Appendix B Allotted Facility Distance (km)	Difference (km)
0	64.7	62.1	2.6
1	64.8	62.1	2.7
2	64.8	62.2	2.6
3	64.9	62.3	2.6
4	64.9	62.3	2.6
5	65	62.4	2.6
6	65	62.5	2.5
7	65.1	62.5	2.6
8	65.1	62.6	2.5
9	65.2	62.6	2.6
10	65.2	62.7	2.5
11	65.2	62.6	2.6
12	65.1	62.6	2.5
13	65.1	62.5	2.6
14	65	62.5	2.5
15	65	62.4	2.6
16	64.9	62.3	2.6
17	64.9	62.3	2.6
18	64.8	62.2	2.6
19	64.8	62.2	2.6
20	64.7	62.1	2.6
21	64.6	61.9	2.7
22	64.5	61.8	2.7
23	64.3	61.6	2.7
24	64.2	61.4	2.8
25	64.1	61.2	2.9
26	63.9	61	2.9
27	63.8	60.9	2.9
28	63.6	60.7	2.9
29	63.5	60.5	3
30	63.3	60.3	3
31	63.1	60	3.1
32	63	59.8	3.2
33	62.8	59.6	3.2
34	62.6	59.4	3.2
35	62.4	59.1	3.3
36	62.2	58.9	3.3
37	62	58.6	3.4
38	61.8	58.4	3.4
39	61.6	58.1	3.5
40	61.4	57.8	3.6
41	61.4	57.8	3.6
42	61.3	57.8	3.5
43	61.3	57.7	3.6
44	61.3	57.7	3.6
45	61.2	57.6	3.6
46	61.2	57.6	3.6
47	61.1	57.5	3.6
48	61.1	57.5	3.6
49	61	57.4	3.6
50	61	57.3	3.7
51	61.2	57.7	3.5
52	61.5	58	3.5
53	61.7	58.3	3.4
54	61.9	58.6	3.3
55	62.2	58.8	3.4
56	62.4	59.1	3.3
57	62.6	59.4	3.2
58	62.8	59.6	3.2
59	63	59.9	3.1
60	63.2	60.1	3.1
61	63.4	60.5	2.9
62	63.7	60.9	2.8
63	64	61.2	2.8
64	64.3	61.5	2.8
65	64.5	61.9	2.6
66	64.8	62.2	2.6
67	65	62.5	2.5

68	65.2	62.8	2.4
69	65.5	63.1	2.4
70	65.7	63.3	2.4
71	65.9	63.6	2.3
72	66.1	63.9	2.2
73	66.3	64.1	2.2
74	66.5	64.4	2.1
75	66.7	64.6	2.1
76	66.9	64.8	2.1
77	67	65	2
78	67.2	65.3	1.9
79	67.4	65.5	1.9
80	67.5	65.7	1.8
81	67.7	65.8	1.9
82	67.8	66	1.8
83	67.9	66.2	1.7
84	68.1	66.3	1.8
85	68.2	66.5	1.7
86	68.3	66.6	1.7
87	68.4	66.8	1.6
88	68.5	66.9	1.6
89	68.7	67.1	1.6
90	68.8	67.2	1.6
91	68.9	67.4	1.5
92	69.1	67.6	1.5
93	69.2	67.7	1.5
94	69.3	67.9	1.4
95	69.5	68.1	1.4
96	69.6	68.2	1.4
97	69.7	68.4	1.3
98	69.9	68.6	1.3
99	70	68.7	1.3
100	70.2	68.9	1.3
101	70.3	69	1.3
102	70.4	69.2	1.2
103	70.5	69.3	1.2
104	70.6	69.4	1.2
105	70.7	69.6	1.1
106	70.8	69.7	1.1
107	70.9	69.9	1
108	71	70	1
109	71.1	70.1	1
110	71.2	70.3	0.9
111	71.3	70.4	0.9
112	71.4	70.5	0.9
113	71.5	70.6	0.9
114	71.6	70.7	0.9
115	71.7	70.8	0.9
116	71.8	71	0.8
117	71.9	71.1	0.8
118	72	71.2	0.8
119	72.1	71.3	0.8
120	72.2	71.4	0.8
121	72.3	71.6	0.7
122	72.4	71.7	0.7
123	72.5	71.8	0.7
124	72.6	71.9	0.7
125	72.7	72	0.7
126	72.7	72.1	0.6
127	72.8	72.3	0.5
128	72.9	72.4	0.5
129	73	72.5	0.5
130	73.1	72.6	0.5
131	73.2	72.7	0.5
132	73.3	72.8	0.5
133	73.4	73	0.4
134	73.5	73.1	0.4
135	73.6	73.2	0.4
136	73.6	73.2	0.4
137	73.6	73.2	0.4
138	73.6	73.2	0.4
139	73.6	73.2	0.4
140	73.6	73.2	0.4

141	73.6	73.2	0.4
142	73.6	73.2	0.4
143	73.6	73.2	0.4
144	73.6	73.3	0.3
145	73.5	73.3	0.2
146	73.5	73.3	0.2
147	73.5	73.3	0.2
148	73.5	73.3	0.2
149	73.5	73.3	0.2
150	73.5	73.3	0.2
151	73.5	73.3	0.2
152	73.5	73.3	0.2
153	73.5	73.2	0.3
154	73.5	73.2	0.3
155	73.5	73.2	0.3
156	73.5	73.2	0.3
157	73.5	73.2	0.3
158	73.4	73.2	0.2
159	73.4	73.2	0.2
160	73.4	73.2	0.2
161	73.4	73.2	0.2
162	73.4	73.2	0.2
163	73.4	73.2	0.2
164	73.4	73.2	0.2
165	73.3	73.2	0.1
166	73.3	73.2	0.1
167	73.3	73.1	0.2
168	73.3	73.1	0.2
169	73.3	73.1	0.2
170	73.3	73.1	0.2
171	73.2	73.1	0.1
172	73.2	73	0.2
173	73.2	73	0.2
174	73.2	73	0.2
175	73.1	73	0.1
176	73.1	72.9	0.2
177	73.1	72.9	0.2
178	73.1	72.9	0.2
179	73	72.8	0.2
180	73	72.8	0.2
181	73	72.8	0.2
182	73	72.8	0.2
183	73	72.8	0.2
184	72.9	72.7	0.2
185	72.9	72.7	0.2
186	72.9	72.7	0.2
187	72.9	72.7	0.2
188	72.9	72.7	0.2
189	72.9	72.7	0.2
190	72.8	72.6	0.2
191	72.8	72.6	0.2
192	72.8	72.6	0.2
193	72.8	72.5	0.3
194	72.7	72.5	0.2
195	72.7	72.5	0.2
196	72.7	72.4	0.3
197	72.6	72.4	0.2
198	72.6	72.4	0.2
199	72.6	72.3	0.3
200	72.6	72.3	0.3
201	72.5	72.2	0.3
202	72.5	72.2	0.3
203	72.5	72.1	0.4
204	72.4	72.1	0.3
205	72.4	72.1	0.3
206	72.3	72	0.3
207	72.3	72	0.3
208	72.3	71.9	0.4
209	72.2	71.9	0.3
210	72.2	71.8	0.4
211	72.1	71.8	0.3
212	72.1	71.7	0.4
213	72.1	71.6	0.5

214	72	71.6	0.4
215	72	71.5	0.5
216	71.9	71.5	0.4
217	71.9	71.4	0.5
218	71.8	71.3	0.5
219	71.8	71.3	0.5
220	71.7	71.2	0.5
221	71.7	71.1	0.6
222	71.6	71.1	0.5
223	71.6	71	0.6
224	71.5	70.9	0.6
225	71.5	70.8	0.7
226	71.3	70.6	0.7
227	71.1	70.4	0.7
228	70.9	70.1	0.8
229	70.7	69.9	0.8
230	70.5	69.7	0.8
231	70.3	69.5	0.8
232	70.1	69.3	0.8
233	69.9	69.1	0.8
234	69.7	68.9	0.8
235	69.5	68.6	0.9
236	69.3	68.4	0.9
237	69.1	68.2	0.9
238	68.9	68	0.9
239	68.8	67.8	1
240	68.6	67.6	1
241	68.4	67.4	1
242	68.2	67.2	1
243	68	67	1
244	67.8	66.8	1
245	67.6	66.6	1
246	67.4	66.4	1
247	67.3	66.2	1.1
248	67.1	66	1.1
249	66.9	65.8	1.1
250	66.7	65.6	1.1
251	66.5	65.4	1.1
252	66.3	65.2	1.1
253	66.1	65	1.1
254	66	64.8	1.2
255	65.8	64.6	1.2
256	65.6	64.4	1.2
257	65.4	64.2	1.2
258	65.2	64	1.2
259	65.1	63.8	1.3
260	64.9	63.6	1.3
261	64.7	63.4	1.3
262	64.5	63.2	1.3
263	64.3	63	1.3
264	64.1	62.8	1.3
265	63.9	62.6	1.3
266	63.7	62.4	1.3
267	63.5	62.2	1.3
268	63.3	61.9	1.4
269	63	61.7	1.3
270	62.8	61.5	1.3
271	63	61.7	1.3
272	63.2	61.8	1.4
273	63.4	62	1.4
274	63.5	62.1	1.4
275	63.7	62.3	1.4
276	63.9	62.5	1.4
277	64	62.6	1.4
278	64.2	62.8	1.4
279	64.3	62.9	1.4
280	64.5	63	1.5
281	64.6	63.1	1.5
282	64.7	63.2	1.5
283	64.8	63.3	1.5
284	64.9	63.4	1.5
285	65	63.5	1.5
286	65.1	63.6	1.5

287	65.3	63.7	1.6
288	65.4	63.8	1.6
289	65.5	63.9	1.6
290	65.6	64	1.6
291	65.7	64	1.7
292	65.7	64.1	1.6
293	65.8	64.1	1.7
294	65.8	64.2	1.6
295	65.9	64.2	1.7
296	66	64.2	1.8
297	66	64.3	1.7
298	66.1	64.3	1.8
299	66.1	64.3	1.8
300	66.2	64.3	1.9
301	66.2	64.3	1.9
302	66.2	64.3	1.9
303	66.2	64.2	2
304	66.2	64.2	2
305	66.2	64.1	2.1
306	66.2	64.1	2.1
307	66.1	64	2.1
308	66.1	63.9	2.2
309	66.1	63.8	2.3
310	66	63.8	2.2
311	66	63.7	2.3
312	65.9	63.5	2.4
313	65.9	63.4	2.5
314	65.8	63.3	2.5
315	65.7	63.1	2.6
316	65.4	62.8	2.6
317	65.1	62.4	2.7
318	64.8	62	2.8
319	64.5	61.6	2.9
320	64.1	61.2	2.9
321	63.9	60.9	3
322	63.7	60.6	3.1
323	63.4	60.3	3.1
324	63.2	60	3.2
325	63	59.7	3.3
326	62.7	59.4	3.3
327	62.4	59.1	3.3
328	62.2	58.7	3.5
329	61.9	58.4	3.5
330	61.6	58	3.6
331	61.6	58	3.6
332	61.7	58	3.7
333	61.7	58.1	3.6
334	61.7	58.1	3.6
335	61.7	58.1	3.6
336	61.7	58.1	3.6
337	61.7	58.2	3.5
338	61.8	58.2	3.6
339	61.8	58.2	3.6
340	61.8	58.2	3.6
341	62	58.5	3.5
342	62.2	58.7	3.5
343	62.3	59	3.3
344	62.5	59.2	3.3
345	62.7	59.4	3.3
346	62.9	59.6	3.3
347	63	59.8	3.2
348	63.2	60.1	3.1
349	63.3	60.3	3
350	63.5	60.4	3.1
351	63.6	60.6	3
352	63.8	60.8	3
353	63.9	61	2.9
354	64	61.1	2.9
355	64.1	61.3	2.8
356	64.3	61.5	2.8
357	64.4	61.6	2.8
358	64.5	61.8	2.7
359	64.6	61.9	2.7

kvth-dt - 41dbu contour - proposed.txt

Call Letters: KVTH-DT (Proposed)

File Number:

Latitude: 34-22-20 N

Longitude: 093-02-48 W

ERP: 66.40 kW

Channel: 26

Frequency: 545.0 MHz

AMSL Height: 419.6 m

Elevation: 289.6 m

HAAT: 257.96 m

Horiz. Antenna Pattern: Directional

Vert. Elevation Pattern: Yes

Electrical Beam Tilt: 0.5

Type of contour: FCC

Location Variability: 50.0 %

Time Variability: 90.0 %

of Radials Calculated: 360 [8 Radials Used for HAAT]

Field Strength: 41.00 dBuV/m

Primary Terrain: V-Soft 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	64.7	272.9
1.0	64.8	274.0
2.0	64.8	275.3
3.0	64.9	277.1
4.0	64.9	278.0
5.0	65.0	279.6
6.0	65.0	281.3
7.0	65.1	281.9
8.0	65.1	282.4
9.0	65.2	283.5
10.0	65.2	284.3
11.0	65.2	285.6
12.0	65.1	285.1
13.0	65.1	283.8
14.0	65.0	281.7
15.0	65.0	280.4
16.0	64.9	278.5
17.0	64.9	277.9
18.0	64.8	277.0
19.0	64.8	276.7
20.0	64.7	279.0
21.0	64.6	281.5
22.0	64.5	282.0
23.0	64.3	282.4
24.0	64.2	283.0
25.0	64.1	284.0
26.0	63.9	284.6
27.0	63.8	283.4

kvth-dt - 41dbu contour - proposed.txt

28.0	63.6	280.2
29.0	63.5	277.1
30.0	63.3	274.0
31.0	63.1	271.4
32.0	63.0	272.3
33.0	62.8	271.1
34.0	62.6	268.7
35.0	62.4	263.6
36.0	62.2	261.9
37.0	62.0	265.0
38.0	61.8	269.4
39.0	61.6	270.2
40.0	61.4	269.2
41.0	61.4	270.8
42.0	61.3	271.7
43.0	61.3	271.5
44.0	61.3	271.8
45.0	61.2	273.0
46.0	61.2	274.5
47.0	61.1	274.6
48.0	61.1	273.6
49.0	61.0	272.5
50.0	61.0	272.1
51.0	61.2	270.4
52.0	61.5	269.1
53.0	61.7	268.7
54.0	61.9	267.6
55.0	62.2	264.3
56.0	62.4	260.9
57.0	62.6	258.7
58.0	62.8	255.0
59.0	63.0	248.4
60.0	63.2	241.4
61.0	63.4	238.6
62.0	63.7	239.7
63.0	64.0	239.5
64.0	64.3	238.2
65.0	64.5	244.2
66.0	64.8	246.5
67.0	65.0	243.6
68.0	65.2	237.1
69.0	65.5	231.4
70.0	65.7	231.5
71.0	65.9	231.6
72.0	66.1	232.4
73.0	66.3	236.1
74.0	66.5	238.1
75.0	66.7	233.8
76.0	66.9	228.9
77.0	67.0	227.2
78.0	67.2	231.2
79.0	67.4	233.0

kvth-dt - 41dbu contour - proposed.txt

80.0	67.5	235.8
81.0	67.7	238.5
82.0	67.8	237.8
83.0	67.9	235.7
84.0	68.1	236.1
85.0	68.2	240.2
86.0	68.3	245.4
87.0	68.4	249.2
88.0	68.5	251.5
89.0	68.7	256.0
90.0	68.8	260.7
91.0	68.9	267.4
92.0	69.1	273.6
93.0	69.2	277.5
94.0	69.3	280.2
95.0	69.5	282.9
96.0	69.6	285.4
97.0	69.7	287.5
98.0	69.9	289.5
99.0	70.0	289.5
100.0	70.2	287.5
101.0	70.3	285.0
102.0	70.4	282.6
103.0	70.5	281.2
104.0	70.6	281.9
105.0	70.7	282.4
106.0	70.8	283.1
107.0	70.9	283.9
108.0	71.0	284.6
109.0	71.1	285.2
110.0	71.2	286.2
111.0	71.3	286.7
112.0	71.4	286.9
113.0	71.5	287.5
114.0	71.6	289.1
115.0	71.7	291.2
116.0	71.8	293.1
117.0	71.9	294.7
118.0	72.0	296.1
119.0	72.1	297.3
120.0	72.2	298.3
121.0	72.3	299.7
122.0	72.4	300.9
123.0	72.5	301.0
124.0	72.6	299.6
125.0	72.7	298.0
126.0	72.7	297.0
127.0	72.8	296.4
128.0	72.9	296.0
129.0	73.0	295.8
130.0	73.1	295.8
131.0	73.2	295.5

kvth-dt - 41dbu contour - proposed.txt

132.0	73.3	295.1
133.0	73.4	294.7
134.0	73.5	293.9
135.0	73.6	292.9
136.0	73.6	292.0
137.0	73.6	291.7
138.0	73.6	292.1
139.0	73.6	292.8
140.0	73.6	293.4
141.0	73.6	293.8
142.0	73.6	294.1
143.0	73.6	294.4
144.0	73.6	294.0
145.0	73.5	292.6
146.0	73.5	291.4
147.0	73.5	290.8
148.0	73.5	290.6
149.0	73.5	291.2
150.0	73.5	292.7
151.0	73.5	292.6
152.0	73.5	292.2
153.0	73.5	291.0
154.0	73.5	289.8
155.0	73.5	288.7
156.0	73.5	288.0
157.0	73.5	288.5
158.0	73.4	287.5
159.0	73.4	285.8
160.0	73.4	285.4
161.0	73.4	285.1
162.0	73.4	285.1
163.0	73.4	283.9
164.0	73.4	282.6
165.0	73.3	282.3
166.0	73.3	282.2
167.0	73.3	280.6
168.0	73.3	278.0
169.0	73.3	275.8
170.0	73.3	274.2
171.0	73.2	273.5
172.0	73.2	273.8
173.0	73.2	274.5
174.0	73.2	275.5
175.0	73.1	275.7
176.0	73.1	274.8
177.0	73.1	272.6
178.0	73.1	271.6
179.0	73.0	270.6
180.0	73.0	269.9
181.0	73.0	268.9
182.0	73.0	267.6
183.0	73.0	267.2

kvth-dt - 41dbu contour - proposed.txt

184.0	72.9	267.8
185.0	72.9	268.3
186.0	72.9	268.6
187.0	72.9	268.9
188.0	72.9	269.2
189.0	72.9	269.1
190.0	72.8	269.4
191.0	72.8	268.7
192.0	72.8	267.9
193.0	72.8	268.2
194.0	72.7	268.7
195.0	72.7	269.0
196.0	72.7	269.4
197.0	72.6	269.5
198.0	72.6	269.1
199.0	72.6	268.1
200.0	72.6	267.2
201.0	72.5	266.6
202.0	72.5	266.1
203.0	72.5	265.7
204.0	72.4	265.4
205.0	72.4	265.6
206.0	72.3	265.7
207.0	72.3	265.7
208.0	72.3	265.7
209.0	72.2	265.5
210.0	72.2	265.1
211.0	72.1	264.7
212.0	72.1	263.7
213.0	72.1	262.3
214.0	72.0	260.8
215.0	72.0	259.5
216.0	71.9	258.5
217.0	71.9	258.6
218.0	71.8	258.8
219.0	71.8	259.1
220.0	71.7	259.5
221.0	71.7	259.6
222.0	71.6	259.5
223.0	71.6	259.2
224.0	71.5	258.4
225.0	71.5	257.5
226.0	71.3	256.4
227.0	71.1	255.0
228.0	70.9	253.6
229.0	70.7	252.3
230.0	70.5	250.8
231.0	70.3	249.2
232.0	70.1	247.5
233.0	69.9	245.6
234.0	69.7	243.5
235.0	69.5	241.7

kvth-dt - 41dbu contour - proposed.txt

236.0	69.3	240.2
237.0	69.1	238.9
238.0	68.9	237.0
239.0	68.8	235.2
240.0	68.6	234.3
241.0	68.4	233.8
242.0	68.2	233.9
243.0	68.0	234.0
244.0	67.8	234.3
245.0	67.6	233.6
246.0	67.4	231.4
247.0	67.3	229.1
248.0	67.1	227.3
249.0	66.9	224.7
250.0	66.7	222.1
251.0	66.5	218.9
252.0	66.3	214.7
253.0	66.1	208.7
254.0	66.0	201.9
255.0	65.8	191.0
256.0	65.6	173.1
257.0	65.4	157.9
258.0	65.2	159.9
259.0	65.1	162.5
260.0	64.9	162.9
261.0	64.7	169.7
262.0	64.5	167.0
263.0	64.3	163.4
264.0	64.1	152.8
265.0	63.9	138.9
266.0	63.7	137.6
267.0	63.5	143.9
268.0	63.3	155.7
269.0	63.0	152.2
270.0	62.8	149.3
271.0	63.0	154.7
272.0	63.2	165.4
273.0	63.4	174.1
274.0	63.5	169.4
275.0	63.7	168.1
276.0	63.9	172.9
277.0	64.0	169.4
278.0	64.2	171.8
279.0	64.3	178.9
280.0	64.5	186.5
281.0	64.6	192.6
282.0	64.7	194.3
283.0	64.8	193.9
284.0	64.9	194.9
285.0	65.0	199.5
286.0	65.1	204.7
287.0	65.3	210.3

kvth-dt - 41dbu contour - proposed.txt

288.0	65.4	217.5
289.0	65.5	225.2
290.0	65.6	229.6
291.0	65.7	232.3
292.0	65.7	233.7
293.0	65.8	235.4
294.0	65.8	236.8
295.0	65.9	237.6
296.0	66.0	239.1
297.0	66.0	242.0
298.0	66.1	244.6
299.0	66.1	247.9
300.0	66.2	251.3
301.0	66.2	255.5
302.0	66.2	259.2
303.0	66.2	262.2
304.0	66.2	264.8
305.0	66.2	267.6
306.0	66.2	269.6
307.0	66.1	270.9
308.0	66.1	272.2
309.0	66.1	274.2
310.0	66.0	276.8
311.0	66.0	279.2
312.0	65.9	281.7
313.0	65.9	284.1
314.0	65.8	285.6
315.0	65.7	287.4
316.0	65.4	288.8
317.0	65.1	290.2
318.0	64.8	292.1
319.0	64.5	293.8
320.0	64.1	295.2
321.0	63.9	296.7
322.0	63.7	297.7
323.0	63.4	298.5
324.0	63.2	299.0
325.0	63.0	299.5
326.0	62.7	299.9
327.0	62.4	300.2
328.0	62.2	300.3
329.0	61.9	298.8
330.0	61.6	297.7
331.0	61.6	297.5
332.0	61.7	296.4
333.0	61.7	294.2
334.0	61.7	292.1
335.0	61.7	289.9
336.0	61.7	286.3
337.0	61.7	281.3
338.0	61.8	275.5
339.0	61.8	268.5

kvth-dt - 41dbu contour - proposed.txt

340.0	61.8	262.7
341.0	62.0	260.2
342.0	62.2	257.5
343.0	62.3	261.0
344.0	62.5	260.1
345.0	62.7	261.0
346.0	62.9	259.2
347.0	63.0	259.2
348.0	63.2	258.7
349.0	63.3	259.9
350.0	63.5	260.4
351.0	63.6	261.4
352.0	63.8	262.6
353.0	63.9	263.6
354.0	64.0	265.2
355.0	64.1	266.9
356.0	64.3	268.2
357.0	64.4	271.5
358.0	64.5	273.2
359.0	64.6	273.6

Average HAAT for radials shown: 259.9 m

kvth-dt - 41dbu contour - appendix b.txt

Call Letters: KVTH-DT (App B)
File Number:
Latitude: 34-22-21 N
Longitude: 093-02-47 W
ERP: 66.40 kW
Channel: 26
Frequency: 545.0 MHz
AMSL Height: 417.0 m
Elevation: 273.91 m
HAAT: 258.0 m
Horiz. Antenna Pattern: Directional
Vert. Elevation Pattern: Yes
Electrical Beam Tilt: 0.0

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 90.0 %
of Radials Calculated: 360 [8 Radials Used for HAAT]
Field Strength: 41.00 dBuV/m

Primary Terrain: V-Soft 3 Second US Terrain

Bearing (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	62.1	270.0
1.0	62.1	271.3
2.0	62.2	272.6
3.0	62.3	274.5
4.0	62.3	275.4
5.0	62.4	277.2
6.0	62.5	278.7
7.0	62.5	279.3
8.0	62.6	279.8
9.0	62.6	281.0
10.0	62.7	281.9
11.0	62.6	283.0
12.0	62.6	282.4
13.0	62.5	281.1
14.0	62.5	278.9
15.0	62.4	277.7
16.0	62.3	275.9
17.0	62.3	275.1
18.0	62.2	274.1
19.0	62.2	274.0
20.0	62.1	276.6
21.0	61.9	279.1
22.0	61.8	279.6
23.0	61.6	280.0
24.0	61.4	280.6
25.0	61.2	281.5
26.0	61.0	282.2
27.0	60.9	281.0

kvth-dt - 41dbu contour - appendix b.txt

28.0	60.7	277.7
29.0	60.5	274.7
30.0	60.3	271.6
31.0	60.0	269.1
32.0	59.8	270.0
33.0	59.6	268.7
34.0	59.4	266.2
35.0	59.1	261.0
36.0	58.9	259.4
37.0	58.6	262.4
38.0	58.4	267.0
39.0	58.1	267.8
40.0	57.8	266.9
41.0	57.8	268.5
42.0	57.8	269.4
43.0	57.7	269.3
44.0	57.7	269.5
45.0	57.6	270.5
46.0	57.6	272.2
47.0	57.5	272.5
48.0	57.5	271.3
49.0	57.4	270.2
50.0	57.3	269.9
51.0	57.7	268.3
52.0	58.0	266.9
53.0	58.3	266.4
54.0	58.6	265.5
55.0	58.8	262.4
56.0	59.1	259.0
57.0	59.4	256.7
58.0	59.6	253.1
59.0	59.9	246.5
60.0	60.1	239.5
61.0	60.5	236.5
62.0	60.9	237.3
63.0	61.2	237.3
64.0	61.5	235.9
65.0	61.9	241.4
66.0	62.2	244.4
67.0	62.5	241.5
68.0	62.8	235.7
69.0	63.1	229.5
70.0	63.3	229.4
71.0	63.6	229.4
72.0	63.9	229.8
73.0	64.1	233.4
74.0	64.4	236.1
75.0	64.6	232.1
76.0	64.8	226.9
77.0	65.0	224.3
78.0	65.3	228.2
79.0	65.5	230.3

kvth-dt - 41dbu contour - appendix b.txt

80.0	65.7	233.0
81.0	65.8	236.1
82.0	66.0	236.1
83.0	66.2	234.2
84.0	66.3	233.8
85.0	66.5	237.1
86.0	66.6	242.2
87.0	66.8	246.5
88.0	66.9	248.4
89.0	67.1	252.9
90.0	67.2	257.1
91.0	67.4	263.1
92.0	67.6	269.9
93.0	67.7	274.2
94.0	67.9	277.1
95.0	68.1	279.8
96.0	68.2	282.5
97.0	68.4	284.7
98.0	68.6	287.0
99.0	68.7	287.3
100.0	68.9	285.5
101.0	69.0	283.1
102.0	69.2	280.8
103.0	69.3	278.9
104.0	69.4	279.4
105.0	69.6	279.9
106.0	69.7	280.5
107.0	69.9	281.1
108.0	70.0	281.9
109.0	70.1	282.4
110.0	70.3	283.4
111.0	70.4	284.2
112.0	70.5	284.6
113.0	70.6	285.1
114.0	70.7	286.2
115.0	70.8	288.3
116.0	71.0	290.2
117.0	71.1	291.8
118.0	71.2	293.3
119.0	71.3	294.7
120.0	71.4	295.6
121.0	71.6	296.8
122.0	71.7	298.0
123.0	71.8	298.5
124.0	71.9	297.4
125.0	72.0	295.7
126.0	72.1	294.4
127.0	72.3	293.8
128.0	72.4	293.3
129.0	72.5	293.1
130.0	72.6	293.0
131.0	72.7	292.8

kvth-dt - 41dbu contour - appendix b.txt

132.0	72.8	292.3
133.0	73.0	291.9
134.0	73.1	291.3
135.0	73.2	290.3
136.0	73.2	289.3
137.0	73.2	288.9
138.0	73.2	289.2
139.0	73.2	289.8
140.0	73.2	290.5
141.0	73.2	291.0
142.0	73.2	291.2
143.0	73.2	291.7
144.0	73.3	291.5
145.0	73.3	290.2
146.0	73.3	288.9
147.0	73.3	288.2
148.0	73.3	287.9
149.0	73.3	288.2
150.0	73.3	289.8
151.0	73.3	290.0
152.0	73.3	289.5
153.0	73.2	288.4
154.0	73.2	287.2
155.0	73.2	286.1
156.0	73.2	285.3
157.0	73.2	285.7
158.0	73.2	285.1
159.0	73.2	283.3
160.0	73.2	282.8
161.0	73.2	282.5
162.0	73.2	282.5
163.0	73.2	281.5
164.0	73.2	280.1
165.0	73.2	279.6
166.0	73.2	279.6
167.0	73.1	278.3
168.0	73.1	275.7
169.0	73.1	273.4
170.0	73.1	271.7
171.0	73.1	270.9
172.0	73.0	271.0
173.0	73.0	271.8
174.0	73.0	272.9
175.0	73.0	273.0
176.0	72.9	272.4
177.0	72.9	270.1
178.0	72.9	269.0
179.0	72.8	268.1
180.0	72.8	267.4
181.0	72.8	266.5
182.0	72.8	265.2
183.0	72.8	264.5

kvth-dt - 41dbu contour - appendix b.txt

184.0	72.7	265.1
185.0	72.7	265.7
186.0	72.7	266.0
187.0	72.7	266.4
188.0	72.7	266.7
189.0	72.7	266.6
190.0	72.6	266.8
191.0	72.6	266.2
192.0	72.6	265.3
193.0	72.5	265.6
194.0	72.5	266.1
195.0	72.5	266.4
196.0	72.4	266.8
197.0	72.4	266.9
198.0	72.4	266.5
199.0	72.3	265.5
200.0	72.3	264.6
201.0	72.2	263.9
202.0	72.2	263.4
203.0	72.1	263.0
204.0	72.1	262.7
205.0	72.1	262.8
206.0	72.0	262.9
207.0	72.0	263.0
208.0	71.9	263.0
209.0	71.9	262.8
210.0	71.8	262.4
211.0	71.8	261.9
212.0	71.7	261.0
213.0	71.6	259.6
214.0	71.6	258.1
215.0	71.5	256.8
216.0	71.5	255.8
217.0	71.4	256.0
218.0	71.3	256.2
219.0	71.3	256.5
220.0	71.2	256.9
221.0	71.1	257.0
222.0	71.1	256.9
223.0	71.0	256.5
224.0	70.9	255.7
225.0	70.8	254.8
226.0	70.6	253.6
227.0	70.4	252.3
228.0	70.1	250.8
229.0	69.9	249.5
230.0	69.7	248.0
231.0	69.5	246.4
232.0	69.3	244.6
233.0	69.1	242.7
234.0	68.9	240.7
235.0	68.6	238.8

kvth-dt - 41dbu contour - appendix b.txt

236.0	68.4	237.4
237.0	68.2	236.0
238.0	68.0	234.0
239.0	67.8	232.3
240.0	67.6	231.4
241.0	67.4	231.1
242.0	67.2	231.1
243.0	67.0	231.3
244.0	66.8	231.5
245.0	66.6	230.6
246.0	66.4	228.3
247.0	66.2	226.2
248.0	66.0	224.2
249.0	65.8	221.6
250.0	65.6	218.9
251.0	65.4	215.6
252.0	65.2	211.1
253.0	65.0	205.0
254.0	64.8	198.0
255.0	64.6	185.9
256.0	64.4	167.8
257.0	64.2	154.1
258.0	64.0	157.9
259.0	63.8	160.1
260.0	63.6	160.9
261.0	63.4	166.8
262.0	63.2	164.0
263.0	63.0	159.8
264.0	62.8	148.1
265.0	62.6	135.7
266.0	62.4	135.6
267.0	62.2	143.3
268.0	61.9	152.9
269.0	61.7	149.0
270.0	61.5	146.9
271.0	61.7	153.6
272.0	61.8	165.0
273.0	62.0	172.1
274.0	62.1	166.0
275.0	62.3	166.9
276.0	62.5	170.1
277.0	62.6	166.8
278.0	62.8	170.2
279.0	62.9	177.1
280.0	63.0	184.6
281.0	63.1	190.3
282.0	63.2	191.2
283.0	63.3	190.9
284.0	63.4	193.1
285.0	63.5	198.0
286.0	63.6	203.1
287.0	63.7	209.2

kvth-dt - 41dbu contour - appendix b.txt

288.0	63.8	217.1
289.0	63.9	224.3
290.0	64.0	227.9
291.0	64.0	230.0
292.0	64.1	231.6
293.0	64.1	233.2
294.0	64.2	234.6
295.0	64.2	235.2
296.0	64.2	237.2
297.0	64.3	240.2
298.0	64.3	243.0
299.0	64.3	246.1
300.0	64.3	249.9
301.0	64.3	254.1
302.0	64.3	257.7
303.0	64.2	260.4
304.0	64.2	263.1
305.0	64.1	265.7
306.0	64.1	267.5
307.0	64.0	268.8
308.0	63.9	270.2
309.0	63.8	272.5
310.0	63.8	275.2
311.0	63.7	277.4
312.0	63.5	279.9
313.0	63.4	282.1
314.0	63.3	283.5
315.0	63.1	285.3
316.0	62.8	286.6
317.0	62.4	288.1
318.0	62.0	290.0
319.0	61.6	291.6
320.0	61.2	293.0
321.0	60.9	294.4
322.0	60.6	295.4
323.0	60.3	296.1
324.0	60.0	296.6
325.0	59.7	297.1
326.0	59.4	297.4
327.0	59.1	297.7
328.0	58.7	297.7
329.0	58.4	296.1
330.0	58.0	295.2
331.0	58.0	294.9
332.0	58.0	293.5
333.0	58.1	291.4
334.0	58.1	289.2
335.0	58.1	286.9
336.0	58.1	282.8
337.0	58.2	278.0
338.0	58.2	271.8
339.0	58.2	264.8

kvth-dt - 41dbu contour - appendix b.txt

340.0	58.2	259.7
341.0	58.5	256.9
342.0	58.7	255.1
343.0	59.0	258.2
344.0	59.2	257.3
345.0	59.4	258.1
346.0	59.6	256.1
347.0	59.8	256.2
348.0	60.1	255.9
349.0	60.3	257.2
350.0	60.4	257.6
351.0	60.6	258.8
352.0	60.8	260.0
353.0	61.0	261.0
354.0	61.1	262.6
355.0	61.3	264.3
356.0	61.5	265.6
357.0	61.6	269.0
358.0	61.8	270.7
359.0	61.9	270.8

Average HAAT for radials shown: 257.4 m

kvth-dt_66.4kwerp.txt
Census data selected 2000

Post Transition Data Base Selected
/space/software/cdbs/tvdb.sff_B
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-18-2008 Time: 15:13:53

Record Selected for Analysis

KVTH USERRECORD-01 HOT SPRINGS AR US
Channel 26 ERP 66.4 kW HAAT 259. m RCAMSL 00420 m
Latitude 034-22-20 Longitude 0093-02-48
Status APP Zone 2 Border
Dir Antenna Make usr Model 01 Beam tilt N Ref Azimuth
0.
Last update Cutoff date Docket

Comments

Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	11.881	273.8	64.8
45.0	5.857	274.0	61.1
90.0	32.258	261.9	69.2
135.0	51.245	294.1	74.0
180.0	65.606	270.5	73.6
225.0	58.546	258.3	72.1
270.0	43.243	150.5	62.8
315.0	12.107	287.2	65.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

kvth-dt_66.4kwerp.txt
Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KVTH 26 HOT SPRINGS AR USERRECORD01

and station

SHORT TO: KVTH 26 HOT SPRINGS AR BDTV 0075
34 -22-21 093 -02-47
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

**

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
26	KVTH	HOT SPRINGS AR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
25	KLTS-TV	SHREVEPORT LA	205.2	LIC	BDTV -0701
26	KLPA-TV	ALEXANDRIA LA	315.4	LIC	BDTV -0669

kvth-dt_66.4kwerp.txt

26	KTEN	ADA OK	322.3	LIC	BDTV	-1234
27	KTVE	EL DORADO AR	162.5	LIC	BDTV	-0066
27	KFTA-TV	FORT SMITH AR	178.8	LIC	BDTV	-0073

%%
%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	KLTS-TV	SHREVEPORT LA	BDTV	-0701

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
25	WLPB-TV	BATON ROUGE LA	363.5	LIC	BDTV -0675
25	WMAO-TV	GREENWOOD MS	324.8	LIC	BDTV -0891
26	KLPA-TV	ALEXANDRIA LA	179.3	LIC	BDTV -0669
26	KVTH	HOT SPRINGS AR	205.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KLPA-TV	ALEXANDRIA LA	BDTV	-0669

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
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kvth-dt_66.4kwerp.txt

25	WLPB-TV	BATON ROUGE LA	184.3	LIC	BDTV	-0675
25	KLTS-TV	SHREVEPORT LA	179.3	LIC	BDTV	-0701
26	WGNO	NEW ORLEANS LA	305.6	LIC	BDTV	-0695
26	KRIV	HOUSTON TX	358.4	LIC	BDTV	-1559
27	KTVE	EL DORADO AR	170.8	LIC	BDTV	-0066
26	KVTH	HOT SPRINGS AR	315.4	APP	USERRECORD-01	

Proposal causes no interference

##

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KTEN	ADA OK	BDTV	-1234

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
26	KSAS-TV	WICHITA KS	389.4	LIC	BDTV -0629
26	KXXV	WACO TX	343.1	LIC	BDTV -1617
27	KFOR-TV	OKLAHOMA CITY OK	161.6	LIC	BDTV -1247
26	KVTH	HOT SPRINGS AR	322.3	APP	USERRECORD-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KTVE	EL DORADO AR	BDTV	-0066

kvth-dt_66.4kwerp.txt
Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
26	KLPA-TV	ALEXANDRIA LA	170.8	LIC	BDTV -0669
27	KFTA-TV	FORT SMITH AR	340.9	LIC	BDTV -0073
28	KTBS-TV	SHREVEPORT LA	165.0	LIC	BDTV -0702
26	KVTH	HOT SPRINGS AR	162.5	APP	USERRECORD-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KFTA-TV	FORT SMITH AR	BDTV	-0073

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
27	KTVE	EL DORADO AR	340.9	LIC	BDTV -0066
27	KSNT	TOPEKA KS	403.1	LIC	BDTV -0625
27	KFOR-TV	OKLAHOMA CITY OK	303.0	LIC	BDTV -1247
28	KSFX-TV	SPRINGFIELD MO	198.5	LIC	BDTV -0873
28	KTPX	OKMULGEE OK	179.7	LIC	BDTV -1252
26	KVTH	HOT SPRINGS AR	178.8	APP	USERRECORD-01

Proposal causes no interference

##

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KVTH	HOT SPRINGS AR	USERRECORD-01

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
25	KLTS-TV	SHREVEPORT LA	205.2	LIC	BDTV -0701
26	KLPA-TV	ALEXANDRIA LA	315.4	LIC	BDTV -0669
26	KTEN	ADA OK	322.3	LIC	BDTV -1234
27	KTVE	EL DORADO AR	162.5	LIC	BDTV -0066
27	KFTA-TV	FORT SMITH AR	178.8	LIC	BDTV -0073

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 6
 Before Analysis

Results for: 26A AR HOT SPRINGS USERRECORD01 APP

HAAT 259.0 m, ATV ERP 66.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	266194	15145.9
not affected by terrain losses	264305	14303.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	253	35.9
lost to ATV IX only	253	35.9
lost to all IX	253	35.9

Potential Interfering Stations Included in above Scenario 1

26A OK ADA	BDTV	1234	LIC
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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

ASR Registration Search

Registration 1049466 [Map Registration](#)**Registration Detail**

Reg Number	1049466	Status	Constructed
File Number	A0058216	Constructed	01/01/1996
FAA Study	98-ASW-0427-OE	EMI	No
FAA Issue Date	04/17/1998	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long	34-22-20.0 N 093-02-49.0 W	JACK MOUNTAIN, STATE RD # 128; 10 KM SOUTH OF
City, State	HOT SPRINGS , AR	
Center of AM Array		

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
289.6	140.5
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
430.1	122.2

Painting and Lighting Specifications

FCC Paragraphs A2, H

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Owner & Contact Information

FRN	Licensee ID
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Owner

AGAPE CHURCH, INC. DBA = VICTORY TELEVISION NETWORK	P: (501)223-2525
Attention To: JAMES E. NEWTON	E:
701 NAPA VALLEY DRIVE	
LITTLE ROCK , AR 72211	

Contact

P:
E:

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Last Action Status

Status	Constructed	Received	06/05/1998
Purpose	New	Entered	06/05/1998
Mode	Interactive		

Related Applications

06/05/1998 A0058217 - Modification (MD)

06/05/1998 A0058216 - New (NE)

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Comments

Comments

06/10/1998 THE FAA/FCC EMI CONDITIONAL STATEMENT MUST BE PLACED ON THE
CP/LICENSE.

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Automated Letters

None

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CLOSE WINDOW