

**Engineering Statement
In Support of an
Application for a Construction Permit
KQXY, Channel 231C1, Beaumont, Texas**

KQXY Terrain-Contour Study

Reference Coordinates:

North Latitude: 30-20-15

West Longitude: 94-08-49

ERP = 100.0 kW		FM - 2-6 Tables		F(50-50)	F(50-50)
Ave. Elev.		Effective		Distance to	Distance to
Azimuth	3 to 16 km	Antenna Height	ERP	70 dBu Contour	60 dBu Contour
°T.	Meters AMSL	Meters AAT	(dBk)	km	km
0.0	14.1	105.9	20.000	32.8	51.9
5.0	11.8	108.2	20.000	33.1	52.4
10.0	10.6	109.4	20.000	33.3	52.6
15.0	6.7	113.3	20.000	33.8	53.2
20.0	5.9	114.1	20.000	33.9	53.3
25.0	6.7	113.3	20.000	33.8	53.2
30.0	7.3	112.7	20.000	33.8	53.1
35.0	8.1	111.9	20.000	33.7	53.0
40.0	8.6	111.4	20.000	33.6	52.9
45.0	8.8	111.2	20.000	33.6	52.9
50.0	9.0	111.0	20.000	33.5	52.8
55.0	8.7	111.3	20.000	33.6	52.9
60.0	8.7	111.3	20.000	33.6	52.9
65.0	8.3	111.7	20.000	33.6	52.9
70.0	8.1	111.9	20.000	33.6	53.0
75.0	8.3	111.7	20.000	33.6	52.9
80.0	8.4	111.6	20.000	33.6	52.9
85.0	8.4	111.6	20.000	33.6	52.9
90.0	8.1	111.9	20.000	33.7	53.0
95.0	7.8	112.2	20.000	33.7	53.0
100.0	7.7	112.3	20.000	33.7	53.0
105.0	7.9	112.1	20.000	33.7	53.0
110.0	7.4	112.6	20.000	33.8	53.1
115.0	6.4	113.6	20.000	33.9	53.2
120.0	5.9	114.1	20.000	33.9	53.3
125.0	5.9	114.1	20.000	33.9	53.3
130.0	5.9	114.1	20.000	33.9	53.3
135.0	5.9	114.1	20.000	33.9	53.3
140.0	5.9	114.1	20.000	33.9	53.3
145.0	5.9	114.1	20.000	33.9	53.3
150.0	5.9	114.1	20.000	33.9	53.3
155.0	5.2	114.8	20.000	34.0	53.4

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Exhibit E, Figure 2

ERP = 100.0 kW		FM - 2-6 Tables		F(50-50)	F(50-50)
Ave. Elev.		Effective		Distance to	Distance to
Azimuth	3 to 16 km	Antenna Height	ERP	70 dBu Contour	60 dBu Contour
°T.	Meters AMSL	Meters AAT	(dBk)	km	km
160.0	2.6	117.4	20.000	34.4	53.8
165.0	2.5	117.5	20.000	34.4	53.9
170.0	2.7	117.3	20.000	34.4	53.8
175.0	3.3	116.7	20.000	34.3	53.8
180.0	3.9	116.1	20.000	34.2	53.7
185.0	5.7	114.3	20.000	34.0	53.4
190.0	6.6	113.4	20.000	33.8	53.2
195.0	6.4	113.6	20.000	33.9	53.3
200.0	6.4	113.6	20.000	33.9	53.3
205.0	6.4	113.6	20.000	33.9	53.2
210.0	7.3	112.7	20.000	33.8	53.1
215.0	8.6	111.4	20.000	33.6	52.9
220.0	9.8	110.2	20.000	33.4	52.7
225.0	10.5	109.5	20.000	33.3	52.6
230.0	11.4	108.6	20.000	33.2	52.4
235.0	11.0	109.0	20.000	33.2	52.5
240.0	10.9	109.1	20.000	33.3	52.5
245.0	11.3	108.7	20.000	33.2	52.4
250.0	11.7	108.3	20.000	33.1	52.4
255.0	12.7	107.3	20.000	33.0	52.2
260.0	13.4	106.6	20.000	32.9	52.1
265.0	13.7	106.3	20.000	32.8	52.0
270.0	12.9	107.1	20.000	33.0	52.2
275.0	12.1	107.9	20.000	33.1	52.3
280.0	11.9	108.1	20.000	33.1	52.3
285.0	12.1	107.9	20.000	33.1	52.3
290.0	12.8	107.2	20.000	33.0	52.2
295.0	14.3	105.7	20.000	32.8	51.9
300.0	14.5	105.5	20.000	32.7	51.9
305.0	14.5	105.5	20.000	32.7	51.9
310.0	15.7	104.3	20.000	32.5	51.7
315.0	15.7	104.3	20.000	32.5	51.7
320.0	17.6	102.4	20.000	32.2	51.3
325.0	18.3	101.7	20.000	32.1	51.2
330.0	18.7	101.3	20.000	32.1	51.1
335.0	19.4	100.6	20.000	32.0	51.0
340.0	20.8	99.2	20.000	31.7	50.7
345.0	23.4	96.6	20.000	31.3	50.2
350.0	23.0	97.0	20.000	31.4	50.3
355.0	17.6	102.4	20.000	32.2	51.3