

Engineering Statement

In Support of an Application for a Construction Permit

**KJLO-FM Monroe, LA
Channel 281C**

KJLO Terrain-Contour Study

Reference Coordinates:

North Latitude: 32-47-24

West Longitude: 92-13-15

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	491.8	450.7	20.000	59.1	83.5
5	492.0	450.9	20.000	59.1	83.5
10	494.7	453.6	20.000	59.3	83.7
15	496.3	455.2	20.000	59.4	83.8
20	497.1	456.0	20.000	59.4	83.9
25	495.9	454.8	20.000	59.4	83.8
30	497.3	456.2	20.000	59.4	83.9
35	498.5	457.4	20.000	59.5	84.0
40	499.6	458.5	20.000	59.6	84.0
45	500.0	458.9	20.000	59.6	84.1
50	500.7	459.6	20.000	59.6	84.1
55	504.4	463.3	20.000	59.9	84.4
60	502.6	461.5	20.000	59.8	84.3
65	499.3	458.2	20.000	59.6	84.0
70	497.1	456.0	20.000	59.4	83.9
75	495.6	454.5	20.000	59.3	83.8
80	498.2	457.1	20.000	59.5	83.9
85	500.6	459.5	20.000	59.6	84.1
90	501.9	460.8	20.000	59.7	84.2
95	500.4	459.3	20.000	59.6	84.1
100	500.1	459.0	20.000	59.6	84.1
105	500.9	459.8	20.000	59.7	84.1
110	500.2	459.1	20.000	59.6	84.1
115	501.6	460.5	20.000	59.7	84.2
120	503.3	462.2	20.000	59.8	84.3
125	501.6	460.5	20.000	59.7	84.2
130	501.2	460.1	20.000	59.7	84.2
135	504.0	462.9	20.000	59.8	84.4
140	505.6	464.5	20.000	59.9	84.5
145	509.8	468.7	20.000	60.2	84.7
150	511.0	469.9	20.000	60.3	84.8
155	510.9	469.8	20.000	60.3	84.8

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Exhibit E, Figure 2

ERP = 100.0 kW		FM - 2-6 Tables		F(50-50)	F(50-50)
Azimuth °T.	Ave. Elev.	Effective Antenna Height	ERP (dBk)	Distance to	Distance to
	3 to 16 km Meters AMSL			70 dBu Contour km	60 dBu Contour km
160	510.1	469.0	20.000	60.2	84.8
165	503.0	461.9	20.000	59.8	84.3
170	498.7	457.6	20.000	59.5	84.0
175	496.4	455.3	20.000	59.4	83.8
180	500.1	459.0	20.000	59.6	84.1
185	504.3	463.2	20.000	59.9	84.4
190	504.3	463.2	20.000	59.9	84.4
195	500.1	459.0	20.000	59.6	84.1
200	498.8	457.7	20.000	59.5	84.0
205	495.2	454.1	20.000	59.3	83.7
210	501.2	460.1	20.000	59.7	84.2
215	498.7	457.6	20.000	59.5	84.0
220	495.7	454.6	20.000	59.3	83.8
225	495.7	454.6	20.000	59.3	83.8
230	494.2	453.1	20.000	59.3	83.7
235	493.6	452.5	20.000	59.2	83.6
240	495.0	453.9	20.000	59.3	83.7
245	494.7	453.6	20.000	59.3	83.7
250	492.3	451.2	20.000	59.2	83.5
255	492.1	451.0	20.000	59.1	83.5
260	486.8	445.7	20.000	58.8	83.1
265	483.1	442.0	20.000	58.6	82.8
270	478.1	437.0	20.000	58.3	82.5
275	480.9	439.8	20.000	58.5	82.7
280	481.8	440.7	20.000	58.5	82.8
285	485.6	444.5	20.000	58.8	83.0
290	491.1	450.0	20.000	59.1	83.4
295	497.1	456.0	20.000	59.4	83.9
300	507.6	466.5	20.000	60.1	84.6
305	503.7	462.6	20.000	59.8	84.3
310	496.9	455.8	20.000	59.4	83.8
315	496.3	455.2	20.000	59.4	83.8
320	494.1	453.0	20.000	59.3	83.6
325	496.6	455.5	20.000	59.4	83.8
330	495.8	454.7	20.000	59.4	83.8
335	494.4	453.3	20.000	59.3	83.7
340	491.2	450.1	20.000	59.1	83.4
345	490.4	449.3	20.000	59.0	83.4
350	491.0	449.9	20.000	59.1	83.4
355	490.7	449.6	20.000	59.1	83.4