

Engineering Statement

In Support of an Application for a Construction Permit

**WIXV(FM), Savannah, GA
Channel 238C1**

WIXV Terrain-Contour Study

Reference Coordinates:

North Latitude: 32-03-29

West Longitude: 81-20-19

ERP = 98.0 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	9.1	298.8	19.912	49.8	72.1
5.0	7.3	300.6	19.912	49.9	72.2
10.0	8.1	299.8	19.912	49.9	72.2
15.0	7.2	300.7	19.912	50.0	72.2
20.0	6.4	301.5	19.912	50.0	72.3
25.0	6.4	301.5	19.912	50.0	72.3
30.0	6.6	301.3	19.912	50.0	72.3
35.0	6.1	301.8	19.912	50.0	72.3
40.0	6.0	301.9	19.912	50.0	72.3
45.0	6.4	301.5	19.912	50.0	72.3
50.0	6.2	301.7	19.912	50.0	72.3
55.0	6.1	301.8	19.912	50.0	72.3
60.0	6.4	301.5	19.912	50.0	72.3
65.0	4.7	303.2	19.912	50.1	72.4
70.0	4.3	303.6	19.912	50.1	72.5
75.0	4.5	303.4	19.912	50.1	72.4
80.0	5.0	302.9	19.912	50.1	72.4
85.0	4.9	303.0	19.912	50.1	72.4
90.0	5.0	302.9	19.912	50.1	72.4
95.0	5.2	302.7	19.912	50.1	72.4
100.0	4.7	303.2	19.912	50.1	72.4
105.0	4.3	303.6	19.912	50.1	72.5
110.0	3.8	304.1	19.912	50.2	72.5
115.0	3.5	304.4	19.912	50.2	72.5
120.0	3.4	304.5	19.912	50.2	72.5
125.0	3.3	304.6	19.912	50.2	72.5
130.0	3.2	304.7	19.912	50.2	72.5
135.0	3.4	304.5	19.912	50.2	72.5
140.0	3.3	304.6	19.912	50.2	72.5
145.0	3.0	304.9	19.912	50.2	72.6
150.0	2.8	305.1	19.912	50.2	72.6
155.0	2.3	305.6	19.912	50.3	72.6

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Exhibit E, Figure 2

ERP = 98.0 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
160.0	2.4	305.5	19.912	50.3	72.6
165.0	3.0	304.9	19.912	50.2	72.5
170.0	3.0	304.9	19.912	50.2	72.5
175.0	3.0	304.9	19.912	50.2	72.5
180.0	3.1	304.8	19.912	50.2	72.5
185.0	3.2	304.7	19.912	50.2	72.5
190.0	3.3	304.6	19.912	50.2	72.5
195.0	3.2	304.7	19.912	50.2	72.5
200.0	3.3	304.6	19.912	50.2	72.5
205.0	4.4	303.5	19.912	50.1	72.4
210.0	5.0	302.9	19.912	50.1	72.4
215.0	5.3	302.6	19.912	50.1	72.4
220.0	5.8	302.1	19.912	50.0	72.3
225.0	6.0	301.9	19.912	50.0	72.3
230.0	6.2	301.7	19.912	50.0	72.3
235.0	6.4	301.5	19.912	50.0	72.3
240.0	6.5	301.4	19.912	50.0	72.3
245.0	6.5	301.4	19.912	50.0	72.3
250.0	6.5	301.4	19.912	50.0	72.3
255.0	8.9	299.0	19.912	49.8	72.1
260.0	10.2	297.7	19.912	49.8	72.0
265.0	10.4	297.5	19.912	49.7	72.0
270.0	11.5	296.4	19.912	49.7	71.9
275.0	12.9	295.0	19.912	49.6	71.8
280.0	13.1	294.8	19.912	49.6	71.8
285.0	13.8	294.1	19.912	49.5	71.7
290.0	14.4	293.5	19.912	49.5	71.7
295.0	13.9	294.0	19.912	49.5	71.7
300.0	13.6	294.3	19.912	49.5	71.7
305.0	11.2	296.7	19.912	49.7	71.9
310.0	9.1	298.8	19.912	49.8	72.1
315.0	9.3	298.6	19.912	49.8	72.1
320.0	9.6	298.3	19.912	49.8	72.0
325.0	9.4	298.5	19.912	49.8	72.1
330.0	7.2	300.7	19.912	50.0	72.2
335.0	8.1	299.8	19.912	49.9	72.2
340.0	7.4	300.5	19.912	49.9	72.2
345.0	7.4	300.5	19.912	49.9	72.2
350.0	8.3	299.6	19.912	49.9	72.1
355.0	10.7	297.2	19.912	49.7	72.0