

**Engineering Statement
In Support of an
Application for a Construction Permit
WJKK, Vicksburg, Mississippi**

Allocation 255C3 Protected to WJKK Interfering Contours Study

03 Sec. Terrain Data

ALLO
Channel = 255C3
Max ERP = 25 kW
RCAMSL = 100 M
N. Lat = 30 55 32
W. Lng = 90 08 20

WJKK BLH19901113KF
Channel = 254C1
Max ERP = 52 kW
RCAMSL = 479.7 M
N. Lat = 321129
W. Lng = 902422

Protected
60 dBu

Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
000.0	025.0000	0011.3	022.7	167.8	052.0000	0368.9	120.4	49.7
010.0	025.0000	0009.0	022.7	166.1	052.0000	0367.9	121.6	49.3
020.0	025.0000	0006.3	022.7	164.4	052.0000	0367.8	123.6	48.8
030.0	025.0000	0003.4	022.7	163.1	052.0000	0367.7	126.2	48.2
040.0	025.0000	0002.3	022.7	162.0	052.0000	0367.3	129.3	47.4
050.0	025.0000	0002.7	022.7	161.2	052.0000	0367.4	132.8	46.5
060.0	025.0000	0005.1	022.7	160.7	052.0000	0367.8	136.6	45.6
070.0	025.0000	0011.8	022.7	160.6	052.0000	0367.9	140.6	44.7
080.0	025.0000	0011.1	022.7	160.7	052.0000	0367.8	144.5	43.9
090.0	025.0000	0013.6	022.7	161.1	052.0000	0367.5	148.3	43.1
100.0	025.0000	0017.6	022.7	161.7	052.0000	0367.2	152.0	42.4
110.0	025.0000	0017.6	022.7	162.5	052.0000	0367.5	155.3	41.8
120.0	025.0000	0020.1	022.7	163.4	052.0000	0367.7	158.2	41.3
130.0	025.0000	0023.1	022.7	164.5	052.0000	0367.8	160.7	40.8
140.0	025.0000	0026.8	022.7	165.7	052.0000	0367.8	162.7	40.4
150.0	025.0000	0032.1	023.3	167.0	052.0000	0368.4	164.7	40.0
160.0	025.0000	0036.9	024.7	168.3	052.0000	0369.1	167.1	39.6
170.0	025.0000	0043.4	026.7	169.7	052.0000	0369.7	169.3	39.2
180.0	025.0000	0046.3	027.5	171.4	052.0000	0370.2	169.8	39.1
190.0	025.0000	0045.0	027.1	172.9	052.0000	0371.9	168.3	39.4
200.0	025.0000	0044.8	027.1	174.4	052.0000	0373.3	166.6	39.8
210.0	025.0000	0040.6	025.8	175.6	052.0000	0374.3	163.2	40.5
220.0	025.0000	0044.1	026.9	177.1	052.0000	0377.4	161.1	40.9
230.0	025.0000	0038.8	025.3	177.8	052.0000	0378.5	156.7	41.8
240.0	025.0000	0035.7	024.4	178.4	052.0000	0379.1	152.6	42.6
250.0	025.0000	0035.0	024.2	179.0	052.0000	0379.5	148.6	43.4
260.0	025.0000	0038.5	025.2	179.8	052.0000	0379.5	144.7	44.1
270.0	025.0000	0036.2	024.5	179.7	052.0000	0379.5	140.4	45.1
280.0	025.0000	0031.3	023.1	178.9	052.0000	0379.5	136.4	46.0
290.0	025.0000	0030.8	022.9	178.3	052.0000	0379.1	132.6	46.9
300.0	025.0000	0024.1	022.7	177.5	052.0000	0378.1	129.1	47.8
310.0	025.0000	0019.8	022.7	176.4	052.0000	0375.3	126.0	48.5
320.0	025.0000	0024.8	022.7	175.0	052.0000	0374.0	123.5	49.1
330.0	025.0000	0033.6	023.8	173.6	052.0000	0372.2	120.5	49.8
340.0	025.0000	0021.8	022.7	171.6	052.0000	0370.3	120.3	49.7
350.0	025.0000	0011.6	022.7	169.7	052.0000	0369.7	120.0	49.8