

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

WJKK Protected to Allocation 255C3 Interfering Contours Study

03 Sec. Terrain Data

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

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

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	052.0000	0396.3	072.7	353.3	025.0000	0012.9	214.5	18.9
010.0	052.0000	0390.9	072.3	356.6	025.0000	0014.1	211.9	19.4
020.0	052.0000	0387.7	072.1	359.8	025.0000	0011.3	208.1	20.0
030.0	052.0000	0379.5	071.5	002.9	025.0000	0011.1	202.5	20.9
040.0	052.0000	0374.7	071.2	005.9	025.0000	0007.9	195.9	22.0
050.0	052.0000	0367.1	070.6	008.7	025.0000	0007.6	188.0	23.4
060.0	052.0000	0369.9	070.8	011.4	025.0000	0010.3	179.4	25.0
070.0	052.0000	0373.1	071.1	014.0	025.0000	0008.6	169.8	26.8
080.0	052.0000	0379.4	071.5	016.2	025.0000	0006.0	159.3	28.8
090.0	052.0000	0381.0	071.6	018.0	025.0000	0005.6	147.8	30.8
100.0	052.0000	0382.2	071.7	019.3	025.0000	0006.4	135.7	33.0
110.0	052.0000	0377.8	071.4	019.6	025.0000	0006.4	123.2	35.4
120.0	052.0000	0377.6	071.4	019.0	025.0000	0006.2	110.8	37.8
130.0	052.0000	0385.3	071.9	017.3	025.0000	0005.5	098.7	40.2
140.0	052.0000	0378.2	071.4	013.3	025.0000	0009.1	088.1	42.4
150.0	052.0000	0372.5	071.0	007.2	025.0000	0007.5	079.5	44.1
160.0	052.0000	0368.7	070.7	359.0	025.0000	0011.9	073.9	45.2
170.0	052.0000	0369.9	070.8	349.5	025.0000	0011.3	071.8	45.6
180.0	052.0000	0379.5	071.5	339.9	025.0000	0022.0	073.4	45.3
190.0	052.0000	0385.8	071.9	331.6	025.0000	0035.0	079.2	44.6
200.0	052.0000	0384.4	071.8	325.8	025.0000	0028.0	088.4	42.3
210.0	052.0000	0384.3	071.8	322.2	025.0000	0025.9	099.3	40.1
220.0	052.0000	0389.6	072.2	320.1	025.0000	0024.9	111.3	37.7
230.0	052.0000	0392.4	072.4	319.6	025.0000	0024.5	123.9	35.3
240.0	052.0000	0402.4	073.1	319.9	025.0000	0024.7	136.5	32.9
250.0	052.0000	0394.0	072.5	321.4	025.0000	0025.7	148.6	30.7
260.0	052.0000	0395.4	072.6	323.2	025.0000	0026.8	160.3	28.6
270.0	052.0000	0407.6	073.5	325.3	025.0000	0028.5	171.6	26.5
280.0	052.0000	0412.4	073.8	327.8	025.0000	0028.0	181.8	24.6
290.0	052.0000	0416.4	074.1	330.6	025.0000	0034.5	191.0	23.1
300.0	052.0000	0414.5	074.0	333.6	025.0000	0033.4	198.6	21.7
310.0	052.0000	0410.8	073.7	336.8	025.0000	0028.1	204.8	20.6
320.0	052.0000	0403.6	073.2	340.1	025.0000	0021.7	209.3	19.8
330.0	052.0000	0399.7	072.9	343.4	025.0000	0015.6	212.7	19.2
340.0	052.0000	0394.0	072.5	346.7	025.0000	0012.7	214.4	18.9
350.0	052.0000	0398.2	072.8	350.0	025.0000	0011.6	215.4	18.7