

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

KKST Protected to WJKK Interfering Contours Study

03 Sec. Terrain Data

KKST BLH19950508KA
Channel = 254C1
Max ERP = 35 kW
RCAMSL = 355 M
N. Lat = 31 01 59
W. Lng = 92 30 08

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

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
000.0	035.0000	0316.0	063.0	252.2	052.0000	0395.2	208.8	32.3
010.0	035.0000	0317.7	063.1	251.0	052.0000	0394.6	198.7	34.2
020.0	035.0000	0322.7	063.5	249.1	052.0000	0394.0	189.5	35.8
030.0	035.0000	0323.8	063.5	246.6	052.0000	0396.4	182.0	37.2
040.0	035.0000	0324.9	063.6	243.5	052.0000	0401.4	176.5	38.4
050.0	035.0000	0328.1	063.9	240.0	052.0000	0402.4	173.2	39.1
060.0	035.0000	0329.1	063.9	236.3	052.0000	0398.9	172.7	39.1
070.0	035.0000	0329.7	064.0	232.7	052.0000	0395.8	174.8	38.6
080.0	035.0000	0330.6	064.0	229.4	052.0000	0391.7	179.4	37.7
090.0	035.0000	0332.6	064.2	226.6	052.0000	0390.7	186.1	36.4
100.0	035.0000	0332.6	064.2	224.4	052.0000	0389.0	194.7	34.8
110.0	035.0000	0332.4	064.2	222.9	052.0000	0387.9	204.6	32.9
120.0	035.0000	0329.4	064.0	222.1	052.0000	0388.4	215.4	31.0
130.0	035.0000	0328.3	063.9	221.8	052.0000	0388.5	226.6	29.1
140.0	035.0000	0327.4	063.8	222.1	052.0000	0388.5	237.7	27.0
150.0	035.0000	0327.5	063.8	222.7	052.0000	0388.1	248.6	25.3
160.0	035.0000	0329.3	063.9	223.6	052.0000	0388.0	259.0	23.7
170.0	035.0000	0331.9	064.1	224.9	052.0000	0389.4	268.7	22.0
180.0	035.0000	0325.9	063.7	226.5	052.0000	0390.6	277.0	20.6
190.0	035.0000	0323.6	063.5	228.2	052.0000	0391.4	284.3	19.3
200.0	035.0000	0322.1	063.4	230.1	052.0000	0392.5	290.3	18.3
210.0	035.0000	0317.6	063.1	232.1	052.0000	0395.2	294.7	17.7
220.0	035.0000	0317.6	063.1	234.1	052.0000	0396.9	298.0	17.2
230.0	035.0000	0317.4	063.1	236.2	052.0000	0398.8	299.8	16.9
240.0	035.0000	0315.6	063.0	238.4	052.0000	0400.9	299.9	17.0
250.0	035.0000	0314.0	062.8	240.4	052.0000	0402.4	298.5	17.2
260.0	035.0000	0310.9	062.6	242.5	052.0000	0402.6	295.5	17.6
270.0	035.0000	0311.8	062.7	244.5	052.0000	0400.2	291.4	18.3
280.0	035.0000	0307.4	062.4	246.3	052.0000	0397.0	285.5	19.2
290.0	035.0000	0305.4	062.2	248.0	052.0000	0394.5	278.6	20.4
300.0	035.0000	0302.0	062.0	249.5	052.0000	0393.9	270.4	21.8
310.0	035.0000	0295.0	061.5	250.7	052.0000	0394.4	261.2	23.4
320.0	035.0000	0295.5	061.5	251.7	052.0000	0395.1	251.5	25.0
330.0	035.0000	0298.4	061.7	252.4	052.0000	0395.3	241.2	26.5
340.0	035.0000	0302.7	062.0	252.8	052.0000	0395.3	230.5	28.5
350.0	035.0000	0311.3	062.6	252.8	052.0000	0395.3	219.6	30.4