

FM COVERAGE

WBAM - C1 UPGRADE (MAX)

CHANNEL NO. 255 C1 FREQUENCY 98.9 MHZ
 CENTER OF RADIATION 425.5 METERS AMSL
 COORDINATES: 31-58-05 / 86-13-01

BEARING DEGREES *****		3-16 KM AVERAGE *****	C.R. HAAT *****	E.R.P. (KW) *****	DISTANCE (KM) TO CONTOURS (dBU)		
					115.0	70.0	60.0
					*****	*****	*****
0.	*	116.8	308.7	100.	3.9	50.7	73.1
5.		124.4	301.1	100.	3.9	50.2	72.4
15.		128.0	297.5	100.	3.9	49.9	72.3
30.		121.4	304.1	100.	3.9	50.4	72.7
45.	*	132.8	292.7	100.	3.9	49.6	71.8
60.		134.3	291.2	100.	3.9	49.6	71.6
75.		124.5	301.0	100.	3.9	50.2	72.4
90.	*	118.4	307.1	100.	3.9	50.5	72.9
105.		117.9	307.6	100.	3.9	50.5	72.9
120.		124.5	301.0	100.	3.9	50.2	72.4
135.	*	120.8	304.7	100.	3.9	50.4	72.7
150.		113.9	311.6	100.	3.9	50.9	73.2
165.		111.5	314.0	100.	3.9	51.0	73.4
180.	*	110.3	315.2	100.	3.9	51.0	73.5
195.		122.8	302.7	100.	3.9	50.2	72.6
210.		138.1	287.4	100.	3.9	49.2	71.3
225.	*	139.8	285.7	100.	3.9	49.1	71.3
240.		145.9	279.6	100.	3.9	48.8	70.6
255.		146.0	279.5	100.	3.9	48.8	70.6
270.	*	151.4	274.1	100.	3.9	48.3	70.3
285.		140.4	285.1	100.	3.9	49.1	71.1
300.		129.6	295.9	100.	3.9	49.9	72.1
315.	*	121.8	303.7	100.	3.9	50.4	72.7
330.		115.0	310.5	100.	3.9	50.9	73.2
345.		115.1	310.4	100.	3.9	50.9	73.2
CITY 350.		114.7	310.8	100.	3.9	50.9	73.2

AVERAGE (8) * 126.5 299.0 METERS

AREA IN SQUARE KILOMETERS 48.8 7853. 16424.

115.0 DBU BLANKET CONTOUR IS COMPUTED VIA SECTION 73.318

PROPOSED COVERAGE CONTOURS

RADIO STATION WBAM FM
 MONTGOMERY, ALABAMA
 CH. 255C1 100 KW 299 METERS

MULLANEY ENGINEERING, INC.
 GAITHERSBURG, MARYLAND

FIGURE 2-A
 AUGUST 2001