

**Clear Channel Broadcasting Licenses Inc.
Comprehensive Engineering Exhibit
FCC Form 301 Minor Change Application
RM-10426 DA 03-4036 MB Docket No. 02-114
WLAY-FM Facility Id. No: 19456**

Clear Channel Broadcasting Licenses Inc. is filing Form 301 application in accordance with RM-10426 DA 03-4036 MB Docket No. 02-114 released 23 December 2003 of which this engineering exhibit is part.

This application seeks as part of the change in allocation to Meridianville, Alabama the location of the WLAY-FM transmission facility to an existing antenna to be shared with station WDRM(FM) Decatur, Alabama. This shared antenna is located 172 meter high on a tower identified by Antenna Structure Registration Number 1057232.

From this proposed location WLAY-FM, after the completion of the above referenced Report and Order, as well as the fulfillment of MM Docket No. 98-112 reallocation of WWWQ(FM) 263C Anniston, Alabama to College Park, Georgia, will be fully spaced to all known stations, applications and allotments with the exception of WRJL 260A License and 260C3 Application - Eva, Tennessee. Use of Section 73.215 contour protection to WRJL is proposed by reduction of ERP of WLAY-FM to 8.5 kW. *Figure 1* is a contour map depicting the relevant contours. *Table 1* is a listing of Section 73.207 spacing.

Radio Frequency Radiation Study and Statement

The Proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The proposed antenna system is an EPA type 3, 6- bay, Roto Tiller style antenna, mounted with its center of radiation 172 meters above ground level, and will operate with an effective radiated power of 8.5 Kilowatts in both the horizontal and vertical planes. At 2 meters, the height of an average person, at the base of the tower, this proposal will contribute worst case, 0.576 microwatts per square centimeter, or 0.057 percent of the allowable ANSI limit for controlled exposure, and 0.288 percent of the allowable limit for uncontrolled exposure. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that warning signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal

Communications Commission should anyone be required to climb the tower for maintenance or inspection.

Table 1

73.207 Spacing at 34 47 36 N 86 37 51 W

Callsign	State	City	Chanl	ERP_w	Class	Status	Dist_km	Sep	Clr
WRJL-FM	AL	EVA	260	25000	C3	APP	54.2	56	-1.8
WRJL-FM	AL	EVA	260	6000	A	LIC	54.2	55	-0.8
WRLT	TN	FRANKLIN	261	5400	C3	APP	125.46	117	8.5
WRLT	TN	FRANKLIN	261	0	C3	RSV	125.46	117	8.5
WVVR	KY	HOPKINSVILLE	262	100000	C	CP	257.03	249	8
WVVR	KY	HOPKINSVILLE	262	100000	C	LIC	257.03	249	8
WVVR	KY	HOPKINSVILLE	262	0	C	USE	257.03	249	8
WWTN	TN	MANCHESTER	259	100000	C	LIC	114.04	105	9
WOKI-FM	TN	OAK RIDGE	262	100000	C	LIC	267.79	249	18.8
WOKI-FM	TN	OAK RIDGE	262	0	C	USE	267.79	249	18.8
WOKI-FM	TN	OAK RIDGE	262	6000	C	LIC	273.43	249	24.4
WUSY	TN	CLEVELAND	264	100000	C	LIC	131.07	105	26.1
	AL	ANNISTON	261	0	C3	APP	144.46	117	27.5
WRLT	TN	FRANKLIN	261	0	A	USE	139.17	106	33.2
WRLT	TN	FRANKLIN	261	200	A	LIC	139.17	106	33.2
	AL	HELENA	263	0	C1	RSV CP	194.51	158	36.5
WANZ	AL	NORTHPORT	263	85000	C1	MOD	197	158	39

Figure 1

