

**FCC Form 301**  
**Comprehensive Engineering Exhibit**  
**Minor Change FCC 301 Application**  
**Clear Channel Broadcasting Licenses Inc**  
**WJOR-FM Facility ID No.:6709**  
**St. Joseph, TN**  
**4 March 2004**

Clear Channel Broadcasting Licenses Inc. (CC) by this application requests a minor change in WJOR-FM Facility ID No.:6709 CC seeks to change antenna location and height.

Proposed is a location at 100 meters above ground upon a new antenna structure to be erected at 34-56-01 N 87 32 59 W NAD27. An FAA air study has been requested for this planned new structure.

As shown in the table below, this location is fully spaced utilizing Section 73.207.

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, 3- bay, "Roto Tiller" style antenna, mounted with its center of radiation 100 meters above ground level, and will operate with an effective radiated power of 4 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, 0.8 microwatts per square centimeter, or 0.08 percent of the allowable ANSI limit for controlled exposure, and 0.4 percent of the allowable limit for uncontrolled exposure. There are no known non-exempt radiators within 1 kilometer. 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.

ComStudy 2.2 search of channel 268 (101.5 MHz Class A) at 34-56-01.0 N, 87-32-59.0 W.

Callsign	City	State	Chanl	ERP_w	Class	Status	Dist_km	Sep	Clr
WORM-FM	SAVANNAH	TN	269	3000	A	LIC	71.65	72	-0.3
WORM-FM	SAVANNAH	TN	269	0	A	USE	71.65	72	-0.3
	LINDEN	TN	267	0	A	APP	79.4	72	7.4
WYDE-FM	CULLMAN	AL	266	0	C	USE	104.62	95	9.6
NEW	FLORENCE	AL	266	125	D	APP	12.21	0	12.2
NEW	FLORENCE	AL	266	250	D	APP	12.21	0	12.2
WKOM	COLUMBIA	TN	269	4100	A	LIC	88.86	72	16.9
WKOM	COLUMBIA	TN	269	0	A	USE	88.82	72	16.8
WYDE-FM	CULLMAN	AL	266	100000	C	LIC	111.51	95	16.5
WYDE-FM	CULLMAN	AL	266	100000	C	CP	111.48	95	16.5
WNWS-FM	JACKSON	TN	268	2200	A	LIC	136.48	115	21.5
WNWS-FM	JACKSON	TN	268	0	A	USE	137.7	115	22.7
WFTZ	MANCHESTER	TN	268	3000	A	LIC	138.01	115	23
871231MN	MANCHESTER	TN	268	0	A	USE	138.01	115	23
	NEW ALBANY	MS	268	0	A	APP	144.92	115	29.9