

Engineering Exhibit
WPAP-FM
Facility ID 61252
Minor Change Application
July 15, 2005

By this application it is sought to change the facility of WPAP-FM to specify a new antenna height, and correction of geographic coordinates.

The WPAP-FM antenna is located upon a tower described by Antenna Structure Registration (ASR) number 1057617 and will be relocated to an antenna radiation center height of 331 meters above ground level. This is to be a shared antenna with stations WFSY which by separate application will be proposing new facilities and WYYX which has been issued construction permit BPH-20040602AAP for use of this antenna.

This facility will have a Height Above Average Terrain (HAAT) of 328 meters, thus exceeding the allocation class C1 height of 299 meters. A power of 82 kilowatts has been determined to be the correct power for this height and class.

From this location WPAP-FM is fully spaced as a C1 facility in accordance with Section 73.207 to all known facilities, applications and allocations. Attached as Figure 1 is a spacing study at the proposed location.

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 shared antenna system is a Dielectric DCRM, 12- bay, 0.96 wave spaced antenna, mounted with its center of radiation 331 meters above ground level, this proposal will operate with an effective radiated power of 82 kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 8 meters from the base of the tower, this proposal will contribute worst case, 0.75 microwatts per square centimeter, or 0.07 percent of the allowable ANSI limit for controlled exposure, and 0.37 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 signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. 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.

Figure 1

ComStudy 2.2 search of channel 223 (92.5 MHz Class C1) at 30-30-42.0 N, 85-29-17.0 W.

Callsign	State	City	Chnl	ERP_w	Class	Status	Dist_km	Sep	Clr
WJJN	AL	COLUMBIA	221	2550	A	LIC	77.94	75	2.9
NEW	FL	APALACHICOLA	220	30000	C2	APP	82.94	79	3.9
WLWI-FM	AL	MONTGOMERY	222	100000	C	APP	214.9	209	5.9
WQLI	GA	MEIGS	222	6000	A	LIC	138.54	133	5.5
WQLI*	GA	MEIGS	222	0	A	RSV	138.54	133	5.5
WLWI-FM	AL	MONTGOMERY	222	100000	C	APP	216.56	209	7.6
WLWI-FM	AL	MONTGOMERY	222	100000	C	APP	216.56	209	7.6
WLWI-FM	AL	MONTGOMERY	222	100000	C	LIC	220.26	209	11.3
WLWI-FM	AL	MONTGOMERY	222	0	C	USE	220.33	209	11.3
WFFY	FL	DESTIN	221	0	C3	USE	90.07	76	14.1
WBBK-FM	GA	BLAKELY	226	45000	C2	LIC	96.57	79	17.6
WFFY	FL	DESTIN	221	25000	C3	LIC	93.96	76	18