

Citicasters Licenses, L.P. WCTQ (FM) Facility ID#: 48672  
 Engineering Exhibit Minor Change Application  
 December 14, 2004

WCTQ seeks by this instant application to operate with a non-directional antenna.

The station is fully spaced Section 73.207 to all known applications, allocations, and stations with the exception of WXXL, Tavares, WTZB Englewood, and WGUL-FM Spring Hill, all Florida, to which WCTQ is presently, and will remain, spaced in accordance with Section 73.215.

The station will maintain contour separation by operation at reduced power from that allowed for Class C2 by operating with an effective radiated power of 13 kW at 178 meters above average terrain.

No location change is requested by this application, nor is a change in elevation. Operation from a tower described by registration number 1034035 at an elevation of 177 meters above ground will continue. A spacing study at Table 1 is provided, as is a map demonstrating no prohibited contour overlap as Figure 1.

Table 1

ComStudy 2.2 search of channel 293 (106.5 MHz Class C2) at 27-32-42.0 N, 82-34-27.0 W.

Callsign	State	City	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr
WCTQ*	FL	SARASOTA	293	0	C2	USE	12.86	190	-177.1
WXXL	FL	TAVARES	294	0	C1	USE	148	158	-10
WXXL	FL	TAVARES	294	100000	C1	LIC	148	158	-10
WGUL-FM	FL	SPRING HILL	292	25000	C3	LIC	108.97	117	-8
WTZB	FL	ENGLEWOOD	290	4300	A	LIC	53.2	55	-1.8
WTZB	FL	ENGLEWOOD	290	4300	A	MOD	53.2	55	-1.8
WGUL-FM*	FL	SPRING HILL	292	0	C3	RSV	116.92	117	-0.1
WJPT	FL	FORT MYERS	292	50000	C2	LIC	133.47	130	3.5
WJPT	FL	FORT MYERS	292	0	C2	USE	135.6	130	5.6

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, 4- bay, full wave spaced, "Roto tiller" antenna, mounted with its center of radiation 177 meters above ground level, and will operate with an effective radiated power of 13.0 Kilowatts in both the horizontal and

vertical planes. At 2 meters above ground, at 73 meters from the base of the tower, this proposal will contribute worst case, 2.40 microwatts per square centimeter, or 0.24 percent of the allowable ANSI limit for controlled exposure, and 1.2 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

