

RF HAZARD STATEMENT

FM BROADCAST STATION WGCU-FM (AUXILIARY)
FORT MYERS, FLORIDA
CHANNEL 211C1 4.4 KW (H & V) 80 METERS

With respect to the potential for human exposure to radio frequency (RF) energy, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the facility will not result in human exposure to RF energy at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

Call Sign	Channel	Average ERP (kW)	Distance (m)	Relative Field Factor	FCC Limit* (mW/cm ²)	Percentage of Limit
WGCU-FM	211	4.4 kW (H & V) 8.8 kW (total)	74	0.53 [†]	200	8.0%

As indicated above, the exposure to RF energy at 2-m above ground level will not exceed 8.0% of the FCC limit for general population / uncontrolled exposure.[‡]

Therefore, the facility complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing. The applicant, in coordination with any other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from RF energy in excess of the FCC guidelines.

* for general population/uncontrolled environments

[†] This is a worst-case estimate of the relative field factor in the downward direction.

[‡] It is noted that there are no other broadcast facilities located at or near the WGCU-FM auxiliary antenna supporting tower site.