

TECHNICAL SUMMARY

FM BROADCAST STATION WGPU-FM (AUXILIARY)
FORT MYERS, FLORIDA
CHANNEL 211C1 4.4 KW (H & V) 75 METERS

1. The instant application is for a construction permit to alter the existing auxiliary facility for WGPU-FM. The WGPU-FM auxiliary facility is licensed for operation on Channel 211 with a nominal non-directional effective radiated power of 4.4 kW (H & V) with an antenna height above average terrain of 85 m.*
2. It is necessary to move the WGPU-FM auxiliary antenna to a lower section on the tower in order to accommodate Lee County public communications antennas. The WGPU-FM antenna is to be located to an aperture space that is 10 m below the licensed location. There will be no change in the effective radiated power as a result of this change.
3. The facility is compliant with Section 73.1675 of the FCC Rules regarding Auxiliary Antenna Facilities. As indicated in the attached Predicted Coverage Contours exhibit, there will be no extension of the predicted service contour of the proposed auxiliary facility as compared to the licensed WGPU-FM main facility predicted service contour.

* See FCC File No. BXLED-20190305AAI.