

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION WGCU (STA)
FORT MYERS, FLORIDA
CHANNEL 31 125 KW (MAX-DA) 153 M HAAT

1. The instant request is for Special Temporary Authority (STA) for WGCU, Fort Myers, Florida, which is licensed for operation on Channel 31.* WGCU holds a construction permit for operation for its Incentive Auction repack facility, which will operate on Channel 22.†

2. The proposed STA system will be employed for use as an interim antenna to facilitate the repack of the WGCU facility from its licensed channel to its repack channel. Specifically, the WGCU STA facility will operate on Channel 31 using an antenna that is side-mounted on the existing WGCU main facility tower at a height of 152.4 m above ground level.‡ There will be no change in the overall height of the existing structure.

3. The WGCU facility is in Phase 8, which starts on January 18, 2020 and ends on March 13, 2020. The instant STA facility will be required for the transitional operation on Channel 31 beginning on February 17, 2020 until the new top-mounted main antenna for WGCU can be installed and made operational.

4. The proposed STA antenna system has been designed such that there will be no extension of the predicted noise-limited service contour of the STA facility beyond that of the licensed main facility. This is demonstrated in the attached Predicted Coverage Contours exhibit.

* See FCC File No. BLEDT-20130624AAN, Facility ID 62388.

† See FCC File No. 0000034435.

‡ The tower structure is identified by FCC Antenna Structure Registration Number 1020483 and it has an overall height above ground level of 285.0 m.