

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION WPBT(TV)(STA)
MIAMI, FLORIDA
CHANNEL 18 244 KW (MAX-DA) 247 M HAAT

1. The instant request is for Special Temporary Authority (STA) for WPBT, Miami, FL, which is licensed for operation on Channel 18.^{*}
2. The proposed STA system will be employed for use as an interim antenna to facilitate the repack of the WPBT facility from its licensed channel to Channel 29, for which it holds a construction permit.[†]
3. The WPBT STA facility will operate on Channel 18 using an antenna to be side-mounted on the WPBT main facility tower at a height of 246.9 m above ground level.[‡] There will be no change in the overall height of the existing structure.
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 main facility. This is demonstrated in the attached Predicted Coverage Contours exhibit.

^{*} See FCC File No. BLEDT-20010712AGD.

[†] See FCC File No. 0000024658.

[‡] The tower site is identified by FCC Antenna Structure Registration Number 1029604 and it has an overall height above ground level of 317.9 m.