

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION KRCW-TV (STA)
SALEM, OREGON
RF CHANNEL 33 42.3 KW (H), 10.6 KW (V) 488 M HAAT

1. The instant request is for Special Temporary Authority (STA) for KRCW-TV, Salem, Oregon, which is licensed for operation on Channel 33.*
2. The KRCW-TV facility is not being repacked as part of the FCC's Incentive Auction repacking process. However, it shares a candelabra type antenna system with stations, KOIN (Facility ID 35380) and KATU (Facility ID 21649), that are being repacked as part of the on-going repacking process. Due to the antenna system reconfiguration work required for stations KRCW-TV, KOIN and KATU, the stations will be temporarily relocated to an adjacent tower using a top-mounted broadband antenna system.
3. The KRCW-TV STA facility will operate on its licensed channel (RF Channel 33), but utilizing the tower structure authorized under FCC Antenna Structure Registration No. 1035761. The radiation center of the STA antenna is to be located at 271.9 m AGL (562.8 m AMSL). 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. BMLCDT-20070123ABS (FCC Facility ID 10192).