

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION KYAZ (STA)
(FACILITY ID 31870)
KATY, TEXAS
CHANNEL 25

1. KYAZ is licensed for operation on Channel 25, with a maximum directional effective radiated power (ERP) of 1000 kW and an antenna height above average terrain (HAAT) of 595 m.*

2. On May 7, 2022, the RFS multi-channel broadband panel antenna used by KYAZ, and several other television stations in the Houston market, experienced a burnout.† After being off-the-air for approximately 24 hours, service was restored for KYAZ at a lower ERP of 192 kW using the damaged RFS antenna system. Operation at the reduced 192-kW ERP level is expected to continue for the next several weeks while plans are made for the repairs on the antenna. It is anticipated that the antenna will need to be returned to RFS for repair, which will necessitate an additional STA request for KYAZ at some point.

3. Special Temporary Authority is hereby requested for continued operation of KYAZ at a reduced ERP of 192 kW due to the damaged antenna system, which is not expected to be fully repaired until October 2022.

* See FCC File No. 0000125086.

† It was reported by KTBU, which shares the antenna system, that the antenna burnout may have been due to a lightning strike that occurred a couple days prior to the antenna burnout.