Federal Communications Commission 445 12th Street, SW Washington, DC 20554

## Gentlemen:

Axcera is submitting this FCC Type Acceptance report for the LU500ATD, a 500-watt UHF digital television transmitter. We are applying for a low-power television, type acceptance approval for this UHF transmitter. The FCC identifier selected for this product is OUSLU500ATD.

The LU500ATD is a complete 500-watt UHF solid-state digital transmitter. It operates at a nominal output power of 500 watts average, while meeting or exceeding the FCC stringent mask requirements.

The transmitter may also be operated at 50 watts average with equivalent or improved performance.

The enclosed application and test data report are intended to demonstrate compliance with FCC guidelines.

Please contact me if you have any questions or if you need additional information. I can be reached by fax at (724) 873-8105 or phone at (724) 873-8100, extension 211.

Sincerely,

Lance Trussa Test Engineer