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

## Gentlemen:

Axcera is submitting this FCC Equipment Authorization report for the CU50ATD, a 50-watt UHF digital television transmitter. We are applying for a low-power television, Equipment Authorization approval for this UHF transmitter. The FCC identifier selected for this product is OUSCU50ATD.

The CU50ATD is a complete 50-watt UHF solid-state digital transmitter. It operates at a nominal output power of 50 watts average, while meeting or exceeding the FCC simple and stringent mask requirements.

The transmitter may also be operated at 5 watts average with equivalent or improved performance.

The CU50ATD will cover the frequencies of 470 MHz to 608 MHz & 614 MHz to 806 MHz.

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 233.

David Brooking Principal Engineer