

October 14, 2008

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

Gentlemen:

Axcera is submitting this FCC Type Acceptance report for the LU50BTD, a 50-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 OUSLU50BTD.

The LU50BTD 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 stringent mask requirements. The transmitter may also be operated at 5 watts average with equivalent or improved performance.

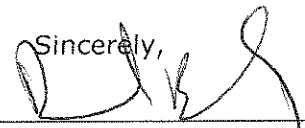
The LU50BTD uses either an internal digital modulator module (Axcera DM8) or an external digital modulator tray (Axcera Axciter). Transmitter test data was taken using both digital modulators and has been included with this report.

The LU50BTD is broadband and therefore does not require any change in components or circuitry to cover the frequencies of 470 MHz to 608 MHz and 614 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 211.

Sincerely,

A handwritten signature in black ink, appearing to read 'David W. Brooking', is written over a horizontal line.

David W. Brooking  
Principal Engineer