

## South Lane Television Transmitter Specifications

The transmitter in use is made up of a Larcen 8VSB regen transcoder/exciter which is driving a Pineapple Technologies PA500U power amplifier. The amplifier was designed for a power output of 500 watts NTSC peak sync and in this application it is running at 66 watts average digital power which is 13 percent of its analog peak sync rating.

The final output to the transmitting antenna meets the specifications of the stringent mask by way of a Microwave Filter company model 19915 DTV stringent mask five channel combining filter.

I certify that the transmitter meets the requirements of section 74.796 of the rules pertaining to the modification of existing analog equipment for digital use.

A handwritten signature in black ink that reads "Daniel J. Mooney". The signature is written in a cursive style with a large, stylized 'D' and 'M'.

Daniel Mooney  
Chief Engineer, South Lane Television, Inc.