

## ABSTRACT

Peripheral of this transmitter television VHF is addressed by as effort in development and scheme simple peripheral and economize in quality and peripheral amount.

Television peripheral use two input that is video and audio, then allied to become a series of which is merged into by one transmitting antenna. In the planning this transmitter television use *color system* PAL, this matter correspond to system use of exist in Indonesia in this time.

Transmitter of PAL Television with the frequency work 54 until 60 MHZ, allocation at VHF use negative modulation by *color system* PAL which compatible to system B and G. To each State own the separate system as according to technological growth in the State. Indonesia is inclusive of State following Europe system that is PAL system, while for State of Argentina, Australian, Belgium, brazil and china use PAL system, but differing for State of like Canada, Korea And Mexico use system NTSC. Others system which is often used in other certain State that is SECAM

Keyword: PAL/NTSC/SECAM, VHF/UHF Transmitter, *color system*