ABSTRACT

With the increasing amount of information on the Faculty of Electrical Engineering Telkom University , then made the campus TV network upon request by the college on building Ararkula Telkom University. With the existence of this network is expected to help the campus community , especially for Electro Faculty.

So in this final project, this project want to make a design about campus television network which this will help people, especially to campus citizen to get up to date information in the campus. In this design will tell about how to make good design and then tell about what tools and materials will use in campus television network for citizen in the campus.

From this Final Project, established score of CNR is 46,15 dB and score of XMod is 56,19 dB. The amount of Bandwidth is 423 MHz for Bandwidth downstream of TV broadcast with the standart of system used PAL B and PAL G. and total Bandwidth used for BWdownstream campus TV itself is 7,2 MHz, so it will need 1 channels at 8 MHz.

Keyword : information, campus television network, information media, CNR, XMod