

ABSTRACT

Communications technology in future expected can integrate the communications more than one system into one finite place or space. That way, antenna of communications terminal in future do not only created for the appliance of light and single function but also have to be up to standard able to operate on the Tripleband or multiband which is last for including conducive operation band area. Therefore required an antenna capable to fulfill various the different communications requirement. One of them is Shaped Rectangular Patch Antenna. Rectangular Microstrip Antenna own the simple dimension which is compact, easy modification and amendable become the antenna having the character of multifrequency

At this Final Task conducted by scheme and perealisasian of antenna mikrostrip of is in form of letter E which application can for the multiband of frequency. Reached result in this final task is laboring antenna mikrostrip to operate for the multiband by range frequency 900 MHz - 2.4 GHz by VSWR ≤ 2 at range frequency (860 - 960) MHz, (1710 - 1880) MHz, and (2400 - 2484) MHz which shifted become (2540 - 2740) MHz of but effective according to specification of its antenna. Then for the pattern of radiasi antenna is near come the omnidireksional by Gain capable to be reached by this antenna 3 dBi

Key Word: Triple-Band, Rectangular Microstrip Antennas, E-Shape