

ABSTRACT

Third generation (3G) is high-speed data communication service, possible for multimedia service, like video streaming, IP-TV, browsing, music MP3, and other digital content, for accessed in broadband wireless and moved.

For access wireless large capacities, have attended technology Mobile WiMAX (802.16e) which is technological of wireless network for metropolitan area with capability data transmission until 15 Mbps at radius about 5 km and work for frequency of 2.3, 3.5 and 5.8 GHz.

This Final Project will analyse processs to be being done for migrations from technologies which eksisting in this time, CDMA 2000 1X, towards technology Mobile WiMAX and how determining peripheral to be being changed or defended based on parameter which have been determined. And will be done by mapping between technologies CDMA 2000 1X with Mobile WiMAX so that migrations can be an optimal This thing are because of technology CDMA 2000 1X felt have unable to fulfill requirement of cutomer for accessing multimedia service and delivery of high-speed data.

Keywords : Mobile WiMAX, CDMA 2000 1X, migration