

LIST OF TABLES

Table II. 1 QoS category	7
Table II. 2 QoS category	8
Table II. 3 Previous Research	11
Table IV. 1 Raisecom RAX-711-R Specifications	19
Table IV. 2 Raisecom iTN8800 Specifications.....	20
Table IV. 3 IP addressing scheme.....	21
Table IV. 4 VRF assignment table	22
Table IV. 5 RTP packet capture result	23
Table IV. 6 RTP packet capture result	24
Table IV. 7 Testing results of existing network condition.....	26
Table V. 1 IP addressing scheme	28
Table V. 2 VRF assignment table	29
Table V. 3 Average QoS normal scenario	29
Table V. 4 RTP packet caputer result	30
Table V. 5 Average QoS emergency scenario	31
Table V. 6 RTP packet capture result emergency scenario	31
Table V. 7 Average QoS normal scenario	32
Table V. 8 Average QoS emergency scenario	33
Table VI. 1 QoS existing network.....	34