LIST OF TABLES

Table 2.1 IEEE Frequency Spectrum 9
Table 2.2 Satria-1 Technical Data 12
Table 2.3 Starlink Technical Data 15
Table 2.4 Starlink Satellite Generations 15
Table 4.5 Satellite Project CAPEX 22
Table 2.6 Satellite Project OPEX 23
Table 2.7 Radio Regulations 2020 Explanations 23
Table 2.8 Permen Kominfo No. 21 of 2014 Explanations 24
Table 2.9 Frequency Allocation Table 25
Table 3.1 Satria-1 Technical Specifications 29
Table 3.2 Satria-1 Earth Station Locations 29
Table 3.3 Satria-1 Communication Links 30
Table 3.4 Starlink Technical Specifications 30
Table 3.5 Starlink Communication Links 31
Table 3.6 Assumptions for Economic Analysis 32
Table 3.7 Indonesian Government Internet Needs 32
Table 3.8 User Growth Utilization 33
Table 4.1 Satria-1 Forward Uplink 35
Table 4.2 Satria-1 Forward Downlink 35
Table 4.3 Satria-1 Return Uplink 36
Table 4.4 Satria-1 Return Downlink 36
Table 4.5 Starlink Forward Uplink 37
Table 4.6 Starlink Forward Downlink 37
Table 4.7 Starlink Return Uplink 38
Table 4.8 Starlink Return Downlink 38
Table 4.9 Satria-1 Capacity 40
Table 4.10 Starlink Capacity 41
Table 4.11 Scenario 1 & 2 Total Capacity 42
Table 4.12 Scenario 1 CAPEX 42
Table 4.13 Scenario 1 OPEX 43
Table 4.14 Scenario 1 Cost per Mbps per Year 43

Table 4.15 Scenario 2 CAPEX-OPEX 45
Table 4.16 Cost per User per Year 45
Table 4.17 Scenario 1 BCR 48
Table 4.18 Scenario 2 BCR 49