

LIST OF FIGURES

2.1 Viasat-3 [27].....	8
2.2 Region [10].....	9
2.3 Frequencies Spectrum [14].....	9
2.4 Maritime Earth Stations in Motion (M-ESIM).....	11
2.5 Interference of M-ESIM.....	13
3.1 Research Flow Diagram.....	14
3.2 Merak Port.....	15
3.3 Bakauheni Port.....	15
3.4 Satellite Location.....	16
3.5 Overlapping Frequencies.....	16
3.6 Interference Scenarios.....	17
3.7 Interference Carrier 1 to Interference 6.....	17
3.8 Interference Carrier 1 to Interference 4.....	18
3.9 Interference Carrier 1 to Interference 13.....	18
3.10 Interference Carrier 1 to Interference 15.....	19
3.11 Interference Carrier 1 to Interference 16.....	19
3.12 Interference Carrier 1 to Interference 9.....	20
3.13 Interference Carrier 2 to Interference 3.....	20
3.14 Interference Carrier 3 to Interference 2.....	21
3.15 Interference Carrier 4 to Interference 6.....	21
3.16 Interference Carrier 4 to Interference 4.....	22
3.17 Interference Carrier 4 to Interference 13.....	22
3.18 Interference Carrier 4 to Interference 15.....	23
3.19 Interference Carrier 4 to Interference 19.....	23
3.20 Interference Carrier 4 to Interference 116.....	24
4.1 Analysis of Technical.....	52