

## DAFTAR TABEL

2.1	Klasifikasi Pita Radio Frekuensi . . . . .	6
2.2	Macam-macam <i>Beam Orthogonality</i> . . . . .	10
3.1	Parameter Satelit . . . . .	21
4.1	<i>Forward Uplink HTS 4C2F2P</i> . . . . .	24
4.2	<i>Forward Downlink HTS 4C2F2P</i> . . . . .	25
4.3	<i>Return Uplink HTS 4C2F2P</i> . . . . .	26
4.4	<i>Return Downlink HTS 4C2F2P</i> . . . . .	26
4.5	Simulasi Kapasitas Cuaca Cerah <i>Theoretical Approach</i> V-Band HTS 4C2F2P . . . . .	29
4.6	Simulasi Kapasitas Cuaca Hujan <i>Theoretical Approach</i> V-Band HTS 6C3F2P . . . . .	29
4.7	Simulasi Kapasitas menggunakan <i>Practical Approach</i> 4C2F2P . . .	30
4.8	<i>Forward Uplink HTS 3C3F1P</i> . . . . .	32
4.9	<i>Forward Downlink HTS 3C3F1P</i> . . . . .	32
4.10	<i>Return Uplink HTS 3C3F1P</i> . . . . .	33
4.11	<i>Return Downlink HTS 3C3F1P</i> . . . . .	33
4.12	Simulasi Kapasitas Cuaca Cerah <i>Theoretical Approach</i> V-Band HTS 3C3F1P . . . . .	34
4.13	Simulasi Kapasitas Cuaca Hujan <i>Theoretical Approach</i> V-Band HTS 3C3F1P . . . . .	35
4.14	Simulasi Kapasitas menggunakan <i>Practical Approach</i> 3C3F1P . . .	35
4.15	<i>Forward Uplink HTS 6C3F2P</i> . . . . .	37
4.16	<i>Forward Downlink HTS 6C3F2P</i> . . . . .	37
4.17	<i>Return Uplink HTS 6C3F2P</i> . . . . .	38
4.18	<i>Return Downlink HTS 6C3F2P</i> . . . . .	38
4.19	Simulasi Kapasitas Cuaca Cerah <i>Theoretical Approach</i> V-Band HTS 6C3F2P . . . . .	39
4.20	Simulasi Kapasitas Cuaca Hujan <i>Theoretical Approach</i> V-Band HTS 6C3F2P . . . . .	40
4.21	Simulasi Kapasitas menggunakan <i>Practical Approach</i> 6C3F2P . . .	40
4.22	<i>Forward Uplink HTS 4C2F2P Footprint Sedang</i> . . . . .	47

4.23	<i>Forward Downlink HTS 4C2F2P Footprint</i> Sedang . . . . .	48
4.24	<i>Return Uplink HTS 4C2F2P Footprint</i> Sedang . . . . .	48
4.25	<i>Return Downlink HTS 4C2F2P Footprint</i> Sedang . . . . .	49
4.26	Simulasi Kapasitas Cuaca Cerah <i>Theoretical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Sedang . . . . .	49
4.27	Simulasi Kapasitas Cuaca Hujan <i>Theoretical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Sedang . . . . .	50
4.28	Simulasi Kapasitas menggunakan <i>Practical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Sedang . . . . .	50
4.29	<i>Forward Uplink HTS 4C2F2P Footprint</i> Besar . . . . .	52
4.30	<i>Forward Downlink HTS 4C2F2P Footprint</i> Besar . . . . .	53
4.31	<i>Return Uplink HTS 4C2F2P Footprint</i> Besar . . . . .	53
4.32	<i>Return Downlink HTS 4C2F2P Footprint</i> Besar . . . . .	54
4.33	Simulasi Kapasitas Cuaca Cerah <i>Theoretical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Besar . . . . .	54
4.34	Simulasi Kapasitas Cuaca Hujan <i>Theoretical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Besar . . . . .	54
4.35	Simulasi Kapasitas menggunakan <i>Practical Approach</i> HTS <i>4C2F2P Footprint</i> Ukuran Besar . . . . .	55