

## DAFTAR AKRONIM

- LTE : *Long Term Evolution.*
- IEEE : *Institute of Electrical and Electronics Engineers.*
- RPS : *Radiowave Propagation Simulator.*
- AP : *Access Point.*
- PCI : *Physical Cell Identity.*
- WiFi : *Wireless Fidelity.*
- GHz : *Gigahertz.*
- MHz : *Megahertz.*
- kHz : *Kilohertz.*
- OSI : *Open System Interconnection.*
- MIMO : *Multiple Input Multiple Output.*
- Kbps : *Kilo bit per second.*
- Mbps : *Mega bit per second.*
- RF : *Radio Frequency.*
- SAE : *System Architecture Evolution.*
- EPC : *Evolved Packet Core.*
- E-UTRAN : *Evolved UTRAN.*
- MME : *Mobility Management Entity.*
- PCRF : *Policy Control Rules Function.*
- HSS : *Home Subscriber Server.*
- PDN-GW : *Packet Data Network Gateway.*
- SAE-GW : *System Architecture Evolution Gateway.*
- ISP : *Internet Service Provider.*
- SIM : *Subscriber Identity Module.*

- SMS : *Short Message Service.*
- BSC : *Base Station Controller.*
- BTS : *Base Transceiver Station.*
- GSM : *Global System for Mobile.*
- Modem : *Modulator Demodulator.*
- LAN : *Local Area Network.*
- WLAN : *Wireless LAN.*
- TX : *Transmitter.*
- RX : *Receiver.*
- BW : *Bandwith.*
- N USER : *Number of User.*
- N AP : *Number of Access Point.*
- MAPL : *Maximum Allowed Path Loss.*
- P : *Penetration.*
- BHSA : *Busy Hour Service Attempts.*
- Rb(Service) : *Bearer rate of service.*
- H : *Duration of Using a Service.*
- OBQ : *Offered Bit Quantity.*
- FSL : *Free-space loss.*
- SIR : *Signal to Interference Ratio.*
- RSL : *Received Signal Level.*
- UL : *Uplink.*
- DL : *Downlink.*
- PDF : *Probability Density F.*
- SSID : *Service Set Identifier.*
- $\epsilon_r$  : *Epsilon.*

- m : *Meter.*
- m<sup>2</sup> : *Meter per segi.*
- dB : *Desibel.*
- dBm : *Decibel miliWatt.*
- OFDM : *Ortogonal Frequency Division Multiplexing.*
- DSSS : *Direct Sequence Spread Spectrum.*
- QAM : *Quadrature Amplitude Modulation.*
- CCK : *Complementary Code Keying.*
- PSK : *Phase-Shift Keying.*
- Pt : *Power Transmit.*
- Gt : *Gain Antenna Transceiver.*
- Lt : *Loss Cable Transceiver.*
- Gr : *Gain Antenna Receiver.*
- Lr : *Loss Cable Receiver.*
- Pr : *Access Point Sensitivity.*
- C area : *Luas Area.*
- C AP : *Luas Coverage Access Point.*