

LIST OF ABBREVIATION

VFS	:	Victim Finding System
2G	:	Second Generation
3G	:	Third Generation
4G	:	Fourth Generation
5G	:	Fifth Generation
BNPB	:	Badan Nasional Penanggulangan Bencana
BTS	:	Base Transceiver Station
MS	:	Mobile Stations
IMSI	:	International Mobile Subscriber Identity
LOS	:	Line of Sight
RSSI	:	Received Signal Strength Indicator
SDR	:	Software Defined Radio
DAC	:	Digital to Analog Converter
ADC	:	Analog to Digital Converter
IF	:	Intermediate Frequency
GPP	:	General-Purpose Processors
DSP	:	Digital Signal Processors
FPGA	:	Field-Programmable Gate Array
MCRBS	:	Mobile Cognitive Radio Base Station
GSM	:	Global System for Mobile Communications
GERAN	:	GSM EDGE Radio Access Network
BSC	:	Base Station Controller
UMTS	:	Universal Mobile Telecommunication System
UTRAN	:	Universal Terrestrial Radio Access Network
RNC	:	Radio Network Controller
LTE	:	Long Term Evolution
E-UTRAN	:	Evolved Universal Terrestrial Radio Access Network
EPC	:	Evolved Packet Core
UE	:	User Equipment
USIM	:	Universal Subscriber Identity Module
ENodeB	:	Evolved NodeB
IMEI	:	International Mobile Equipment Identity
SIM	:	Subscriber Identity Module

PLMN : Public Land Mobile Network
MCC : Mobile Country Code
MNC : Mobile Network Code
MSIN : Mobile Subscriber Identification Number
USRP : Universal Software Radio Peripheral