

LIST of ABBREVIATIONS

3G	3 rd Generations
3GPP	3rd Generation Partnership Project
4G	4 th Generations
CA	Carrier Aggregation
CC	Component Carrier
CB	Coordinated Beamforming
CP	Cyclic Prefix
CS	Coordinated Scheduling
CoMP	Coordinated Multipoint
DCS	Dynamic cell selection
DFT	Discrete Fourier Transform
eNB	Evolved Node Base Station
E-UTRA	Evolved Universal Terrestrial Radio Acces
FDD	Frequency Division Duplex
FFT	Fast Fourier Transform
FFR	Fractional Frequency Reuse
HeNB	Home Evolved Node Base Station
HetNet	Heterogeneous network
HSPA	High Speed Packet Access
ICIC	Inter-cell Interference Coordination
ICI	Intercell interference
IMT	International Mobile Telecommunication
JP	Joint Processing

LTE	Long Term Evolution
LTE-A	Long term Evolution Advanced
MIMO	Multiple Input Multiple Output
OFDM	Orthogonal Frequency Division Multiplexing
OFDMA	Orthogonal Frequency Division Multiple
Access	
PAPR	Peak to Average Power Ratio
PCC	Primary Component Carriers
PDCCH	Physical Downlink Control Channel
PDSCH	Physical Downlink Shared Channel
SCC	Secondary Component Carriers
SC-FDMA	Single Carrier Frequency Division Multiple
Access	
SISO	Single Input Single Output
SINR	Signal to Interference plus Noise Ratio
TDD	Time Division Duplex
UE	User Equipment