

## GLOSSARY

3G	3 <sup>rd</sup> Generation Wireless
3GPP	3 <sup>rd</sup> Generation Partnership Project
4G	4 <sup>th</sup> Generation Wireless
ACI	Adjacent-Channel Interference
ACK	Acknowledgement
AWGN	Additive White Gaussian Noise
BLER	Block Error Rate
BS	Base Stations
CAGR	Common Annual Growth Rate
CCD	co-channel allocation
CCI	Co-Channel Interference
CDD	Cyclic Delay Diversity
CQI	Channel Quality Indicator
DLink	Downlink
DLSCH	Downlink Shared Channel
FFR	Fractional Frequency Reuses
FR	Frequency Re-use
HetNets	Heterogeneous Networks
HomoNet	homogeneous network
ISI	inter symbol interference
ISI	Inter-Symbol Interference
ITU	International Telecommunication Union
LTE	Long Term Evolution
MBS	Macro Base Station
MIMO	Multiple Input Multiple Output
MUEs	Macro User Equipments
OD	Orthogonal Frequency allocation
OFDMA	Orthogonal Frequency Division Multiple Access
OLSM	Open Loop Spatial Multiplexing

PRBs	PRB Physical Resource Blocks
PSD	Partially Share Deployment
PUEs	Pico User Equipments
QoS	Quality of Service
ROI	Region Of Interest
RR	Round Robin Policy
SC-FDMA	Single Carrier Frequency Division Multiple Access
SFR	Soft Frequency Reuse
SINR	Signal to Interference and Noise Ratio
SISO	Single Input Single Output
SLS	System Level Simulator
SM	Spatial Multiplexing
TB	Transport Block
TTI	Transmission Time Intervals
UE	UE User Equipment
ULink	Uplink
ZF	Zero Forcing