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Abbreviations

CRN	**C**ognitive **R**adio **N**etwork
SU	**S**econdary **U**ser
CU	**C**ognitive **U**ser
PU	**P**rimary **U**ser
QoS	**Q**uality **o**f **S**ervice
FCC	**F**ederal **C**ommunications **C**ommission
FIS	**F**uzzy**I**nference **S**ystem
EDM	**E**nergy **D**etection **M**ethod
CBM	**C**orrelation **B**ased **M**ethod
PAL	**P**hase **A**lternating **L**ine
DVB-T	**D**igital and **V**ideo **B**roadcasting **T**errestial
FC	**F**usion **C**enter
COA	**C**enter **O**f **A**rea
TVWS	**T**ele **V**ision **W**hite **S**paces
NTRA	**N**ational **T**elecommunications **R**egulatory **A**uthority
ETSI	**E**uropean **T**elecommunications **S**tandards **I**nstitute
OFDM	**O**rthogonal **F**requency **D**ivision **M**ultiplexing
AWGN	**A**dditive **W**hite **G**aussian **N**oise
SNR	**S**ignal-to-**N**oise-**R**atio
PRBS	**P**seudo **R**andom **B**inary **S**equency
BPSK	**B**inary **P**hase **S**hift **K**eying
ROC	**R**eceiver **O**perating **C**haracteristics
RAN	**R**egional **A**rea **N**etwork

CCC	**C**ommon **C**ontrol **C**hannel
LLR	**L**og **L**ikelihood **R**atio
PDF	**P**robability **D**ensity **F**unction
FFT	**F**ast **F**ourier **T**ransform