

ABBREVIATION LIST

(LISTED IN THE ORDER OF APPEARANCE IN THE MAIN TEXT)

Abbreviation	Full form
IWN	indoor wireless network
5G	5th generation
AP	access point
IE	indoor environment
AI	artificial intelligence
RL	reinforcement learning
DL	deep learning
LLM	large language model
KPI	key performance indicator
CAD	computer-aided design
RAG	retrieval augmented generation
BWP	building wireless performance
RIS	reconfigurable intelligence surfaces
ACO	ant colony optimization
PPO	proximal policy optimization
3D	three-dimensional