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| Reference | Name/Description | Paper Used | Recommended Dataset |
| [1] | Bluetooth signals from 86 smartphones for RF fingerprinting | A Database for the Radio Frequency Fingerprinting of Bluetooth Devices | Real-world Commercial Wi-Fi and Bluetooth Dataset for RF Fingerprinting  [2] |
| [3] | WiSig dataset for Wi-Fi RF fingerprinting | WiSig: A Large-Scale Wi-Fi Signal Dataset for Receiver and Channel Agnostic RF Fingerprinting | Real-world Commercial Wi-Fi and Bluetooth Dataset for RF Fingerprinting  [2] |
| [4] | Signals from 17 drone remote controllers for RF fingerprinting | Drone Remote Controller RF Signal Dataset | Real-world Commercial Wi-Fi and Bluetooth Dataset for RF Fingerprinting  [2] |
| Mobile Ai Dataset | Channel Fingerprint from 40 big cities | Unknown | Sigfox and LoRaWAN Datasets for Fingerprint Localization in Large Urban and Rural Areas  [5] |
| [6] | Datasets for RF Fingerprinting of Bit-similar USRP X310 Radios | ORACLE: Optimized Radio Classification through Convolutional Neural networks | CORES Fingerprint dataset  [7] |
| [8] | I/Q datasets from 20 USRP X310/N210 devices | A Survey of Machine Learning-based Physical-Layer Authentication in Wireless Communications | ORACLE RF Fingerprinting Dataset  [6] |
| [9] | ADS-B signals from 140 aircraft | Class-Incremental Learning for Wireless Device Identification in IoT | ADS-B signals records for non-cryptographic identification and incremental learning.  [10] |
| [11] | Signals from 60 commercial LoRa devices | A Comprehensive Survey on Deep Learning-Based LoRa Radio Frequency Fingerprinting Identification | Comprehensive RF Dataset Collection and Release: A Deep Learning-Based Device Fingerprinting Use Case  [12] |
| [8] | Signals from 4 USRP X310 devices (IEEE 802.11a/LTE/5G NR) | A Survey of Machine Learning-based Physical-Layer Authentication in Wireless Communications | ORACLE RF Fingerprinting Dataset  [6] |
| [13] | LoRa signals from 25 Pycom devices | LoRa Device Fingerprinting in the Wild: Disclosing RF Data-Driven Fingerprint Sensitivity to Deployment Variability | Comprehensive RF Dataset Collection and Release: A Deep Learning-Based Device Fingerprinting Use Case  [12] |
| [14] | Signals from 21 USRP N2932 devices (IEEE 802.15.4) | Performance Analysis of the IEEE 802.15.4 Protocol for Smart Environments under Jamming Attacks | None |
| [15] | Signals from 7 DJI M100 drones | RF Fingerprinting Unmanned Aerial Vehicles with Non-standard Transmitter Waveforms | Drone Remote Controller RF Signal Dataset  [16] |
| [17] | DeepMIMO dataset for Massive MIMO and mmWave | DeepMIMO: A Generic Deep Learning Dataset for Millimeter Wave and Massive MIMO Applications | DeepMIMO Dataset  [18] |
| [19] | CSI data from complex indoor environments | A Framework for CSI-Based Indoor Localization with ID Convolutional Neural Networks | UCI-CSI  Dataset  [20] |
| [21] | Generalized 5G NR dataset generator | A Generalized Channel Dataset Generator for 5G New Radio Systems Based on Raytracing | 5G-NR-Dataset  [22] |
| [23] | SimRIS Channel Simulator for RIS-aided systems | SimRIS Channel Simulator for Reconfigurable Intelligent Surface-Empowered Communication Systems | RIS Channel Collections  [24] |
| [25] | ViWi dataset framework for vision-aided wireless | ViWi: A Deep Learning Dataset Framework for Vision-Aided Wireless Communications | ViWi Dataset  [26] |
| [27] | Underwater acoustic channel model | Channel Modeling for Underwater Acoustic Network Simulation | Channel Modeling for Underwater Dataset  [28] |

**Table 1:** Description of Datasets

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