## **List of Abbreviations**

## Abbreviation Full form

CR Cognitive Radio
DoD Department of Defense

EM Electromagnetic

FCC Federal Communication Commission

IFS Iterated Function System

MIMO Multiple Input Multiple Output

RF Radio Frequency

SAR Specific Absorption Rate SDR Software Defined Radio

SS Spread Spectrum

SSRR Single Split Ring Resonator

UWB Ultrawideband

WBAN Wireless Personal Area Network

WiMAX Worldwide Interoperability For Microwave Access

WLAN Wireless Local Area Network WPAN Wireless Body Area Network