

# Wireless Fundamentals

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# RF Fundamentals

- ▶ Wireless Signal Characteristics
- ▶ Antenna Design and Choice
- ▶ The Shannon-Hartley law
- ▶ System Gain
- ▶ Reflection and Refraction

# Wireless Signal Characteristics

# Antenna Design and Choice

# The Shannon-Hartley law

# System Gain

# Reflection and Refraction