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4G Frequencies and Wavelengths

4G utilizes a much broader, more diverse spectrum. It incorporates both lower frequencies (for distance and wall penetration) and higher frequencies (for data capacity):  Signal Boosters +2

- **600 MHz:** Wavelength is approximately **50 cm** (1.64 feet)
- **700 MHz:** Wavelength is approximately **43 cm** (1.41 feet)
- **1700/2100 MHz (AWS):**
Wavelength is approximately **14 to 17 cm**

2500/2600 MHz (S-FDD)



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