

ED2 Corporation



www.ed2corp.com



- An emerging technology company with **expertise** in **RF and wireless systems**
- Working in mmW for decades
- Passives, Subassemblies, Products, Solutions
- Fabless, design and engineering in Tucson, AZ



Google

verizon✓

Raytheon

QUALCOMM

samtec

Lucent Technologies
Bell Labs Innovations



HUGHES
HUGHES AIRCRAFT COMPANY

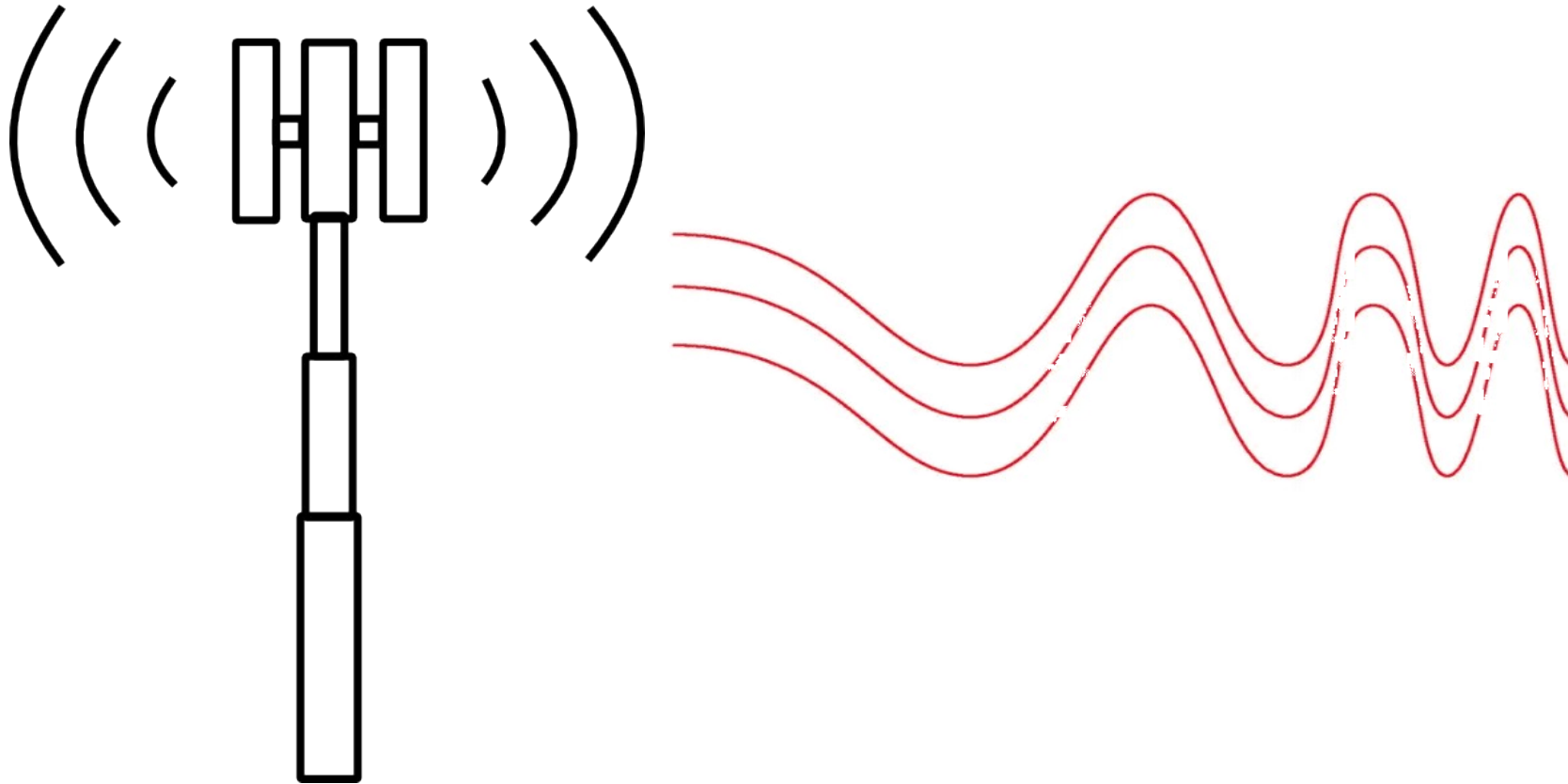
SAIC

Honeywell

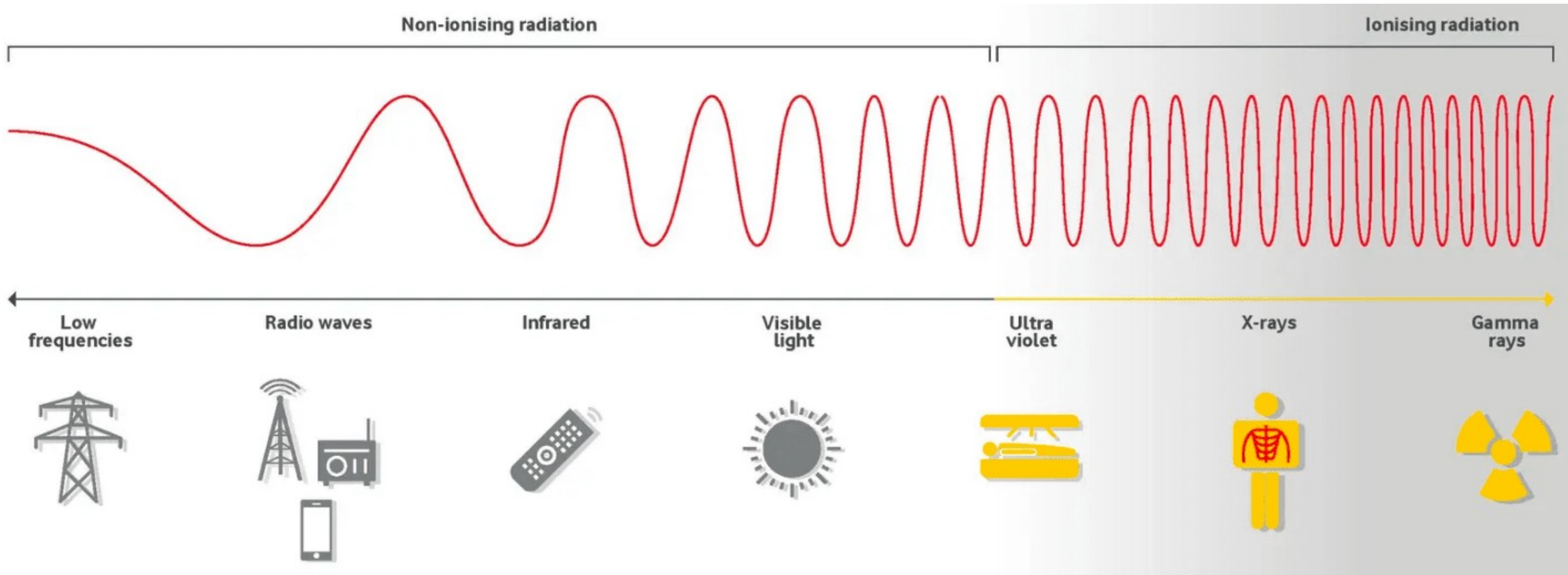
QUICK INTRO TO CELLULAR COVERAGE



It's All About Waves (Radio)



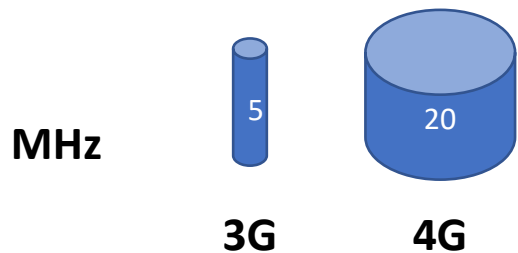
It's All About Waves (Radio)



- **3G & 4G** Cellular Service is (typically) delivered in **600MHz – 2,700 MHz**
- **5G** Ultra Wideband Service is delivered in **24GHz+ (24,000 MHz)**

Spectrum and Why It Matters

- Measured in “Hertz”
- Licensed in chunks by Auction
- **More hertz = bigger pipe**



5G

Spectrum 5G mmWave

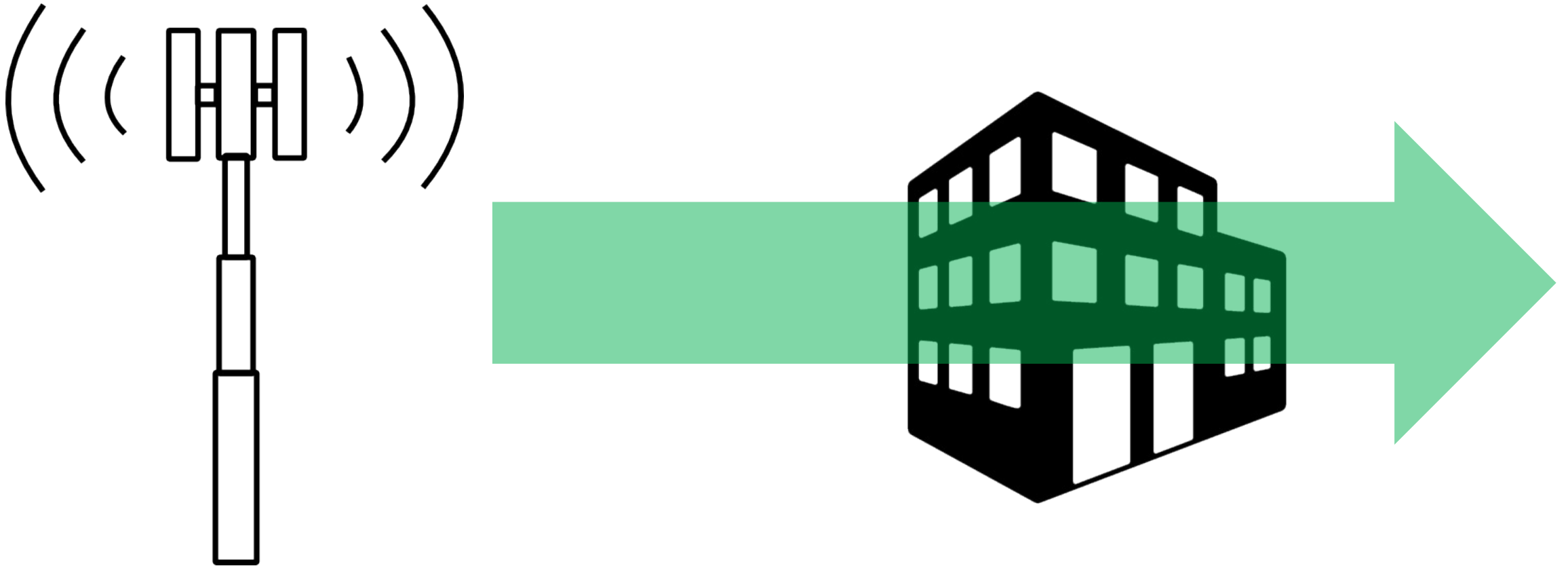
This is why mmWave matters!!

A large blue cylinder representing the 5G mmWave spectrum. The cylinder is oriented horizontally, with its circular top face visible. The top face is a lighter shade of blue, while the side of the cylinder is a darker blue. The number '800' is written in white on the side of the cylinder.

800

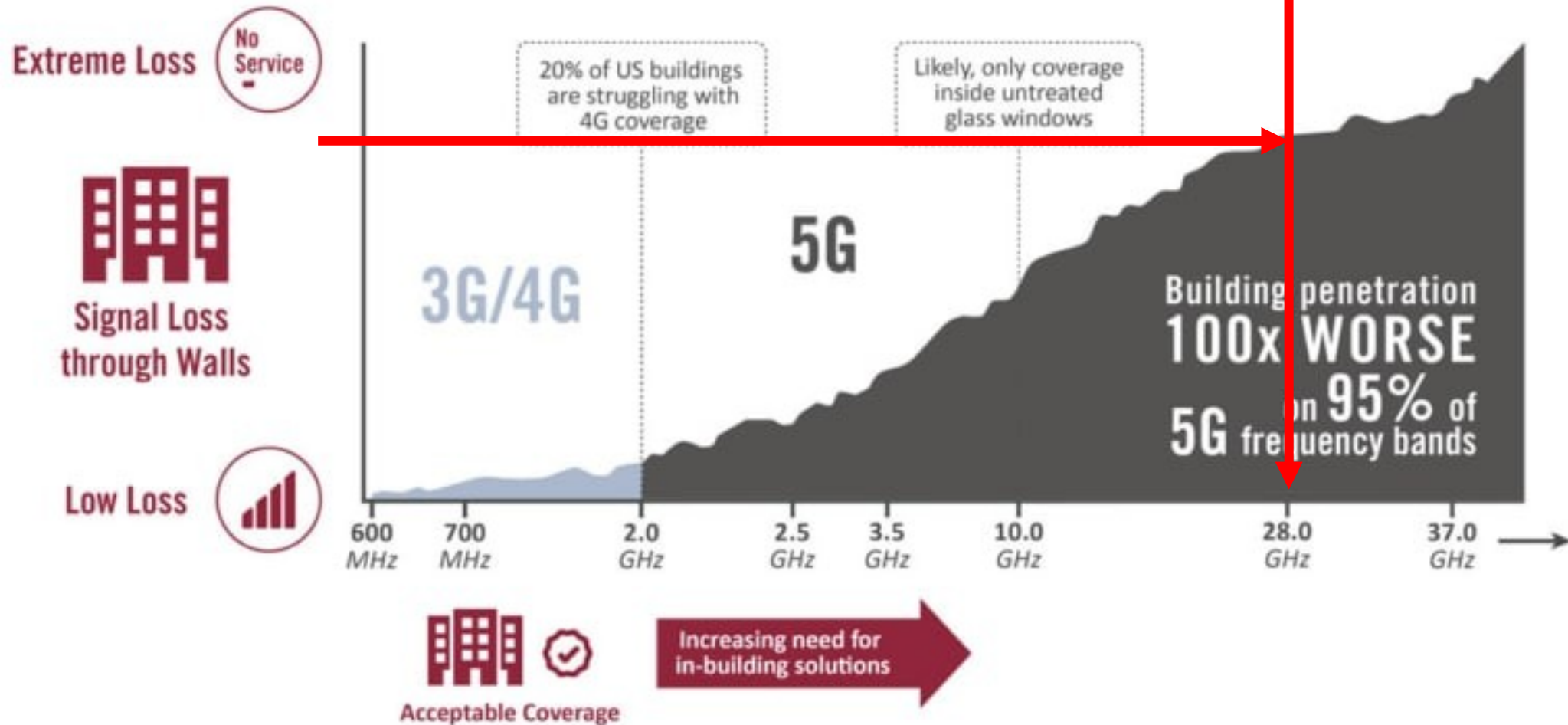
5G

3G and 4G Spectrum (< 2,700 MHz)

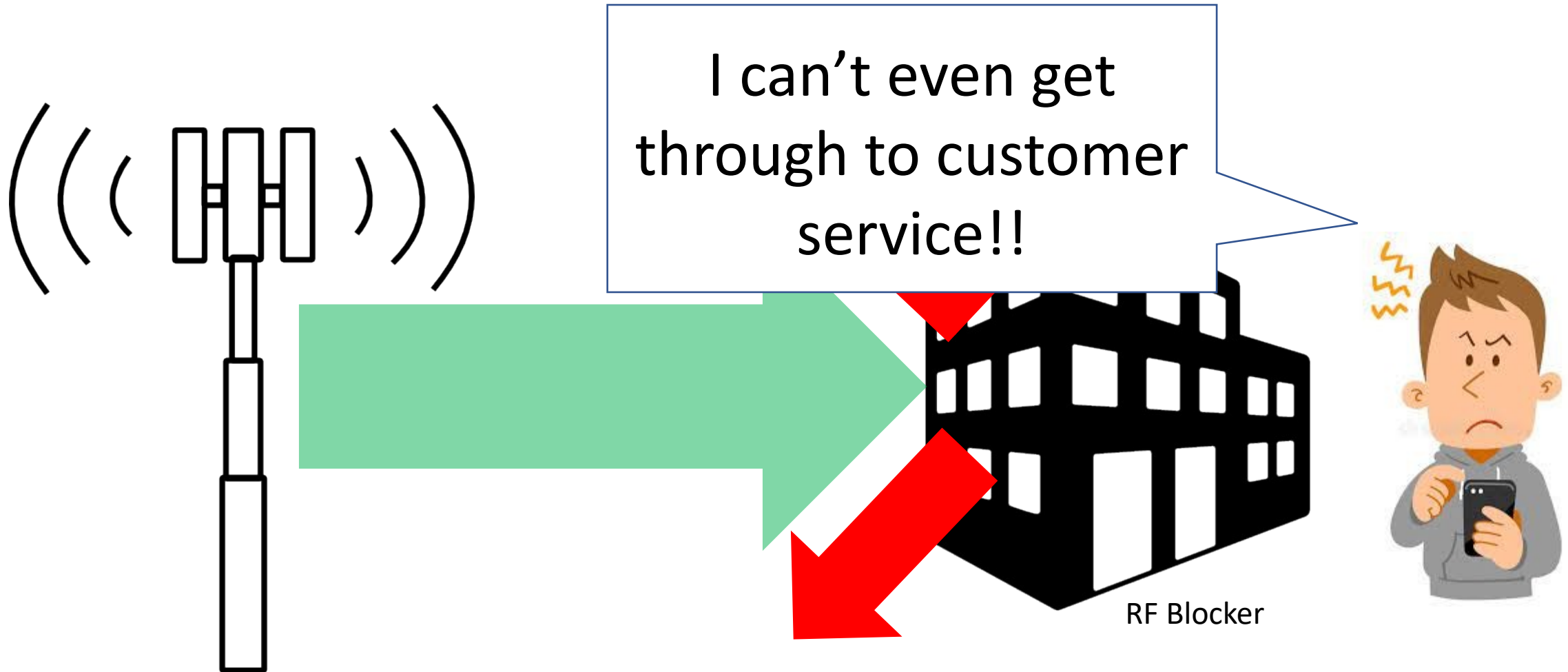


3G 4G 5G

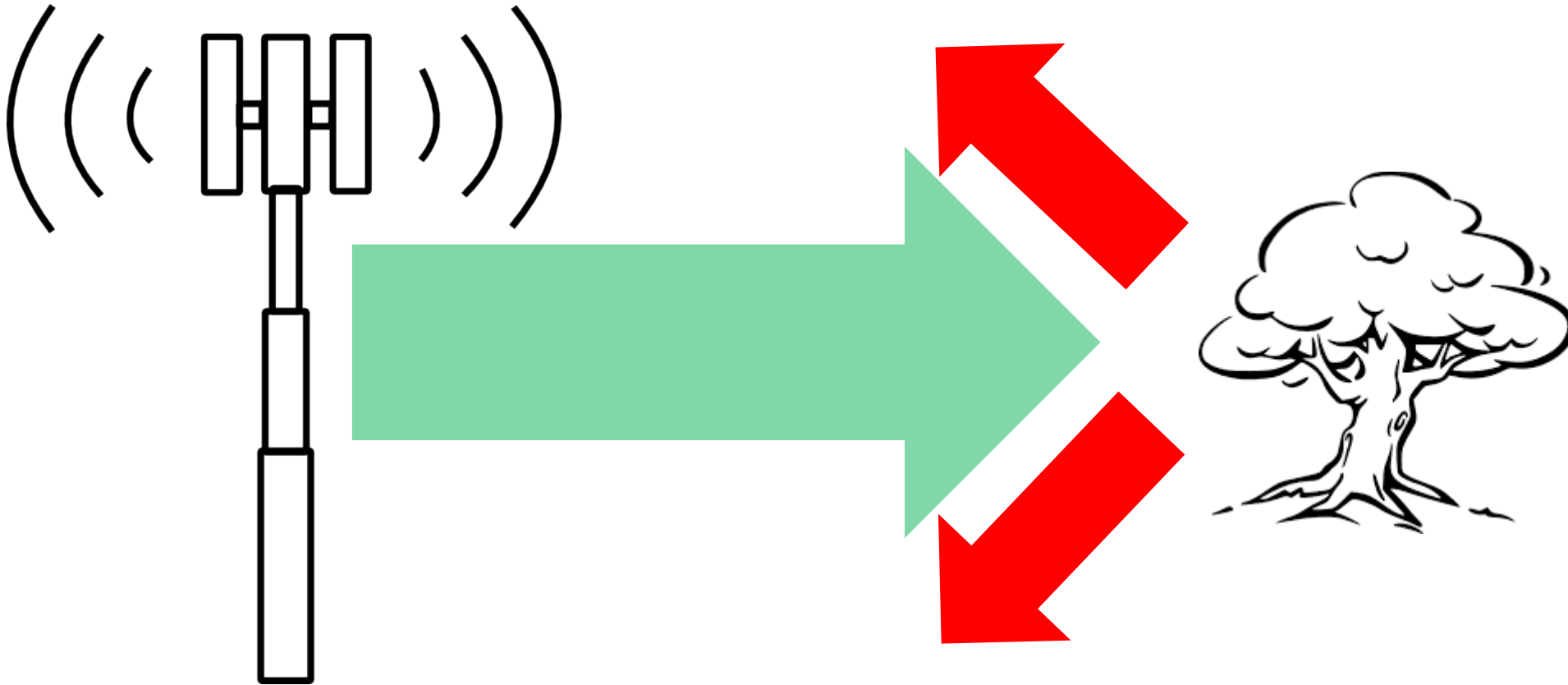
5G ✓
Ultra Wideband



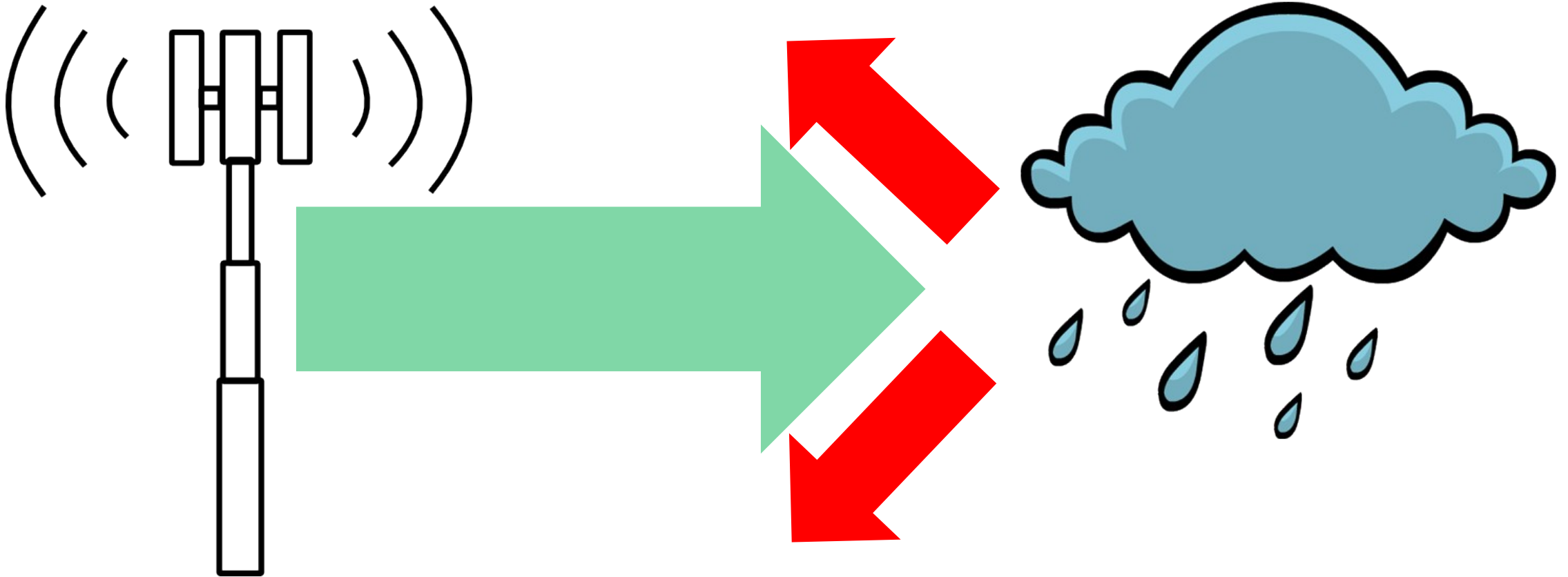
5G mmW Spectrum (24 GHz+)



5G mmW Spectrum (24 GHz+)



5G mmW Spectrum (24 GHz+)



ED2 5G Wireless Repeaters

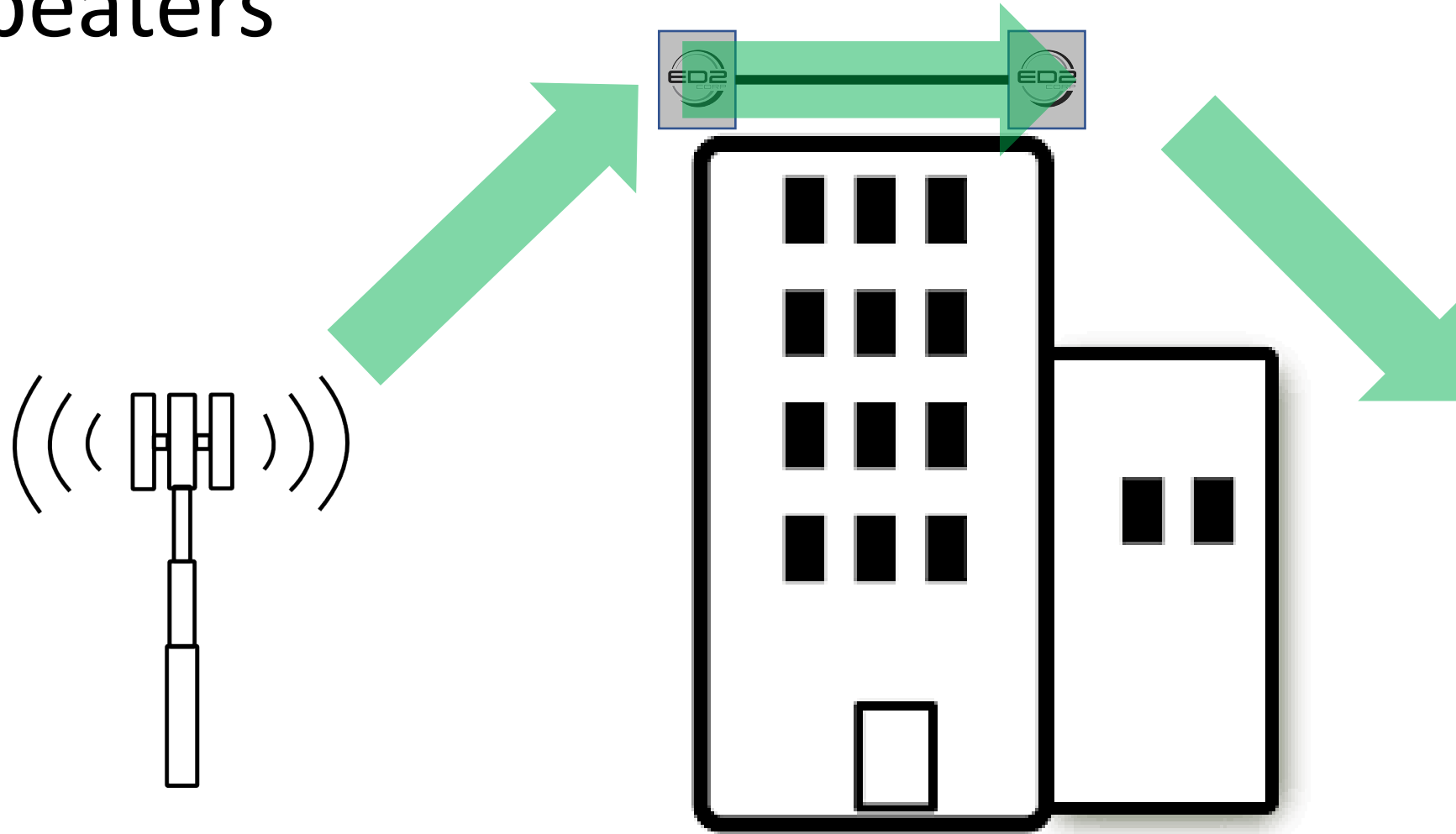
- Extend networks
- Fix coverage holes
- Pass RF blockers
- No trenching required
- No fiber backhaul



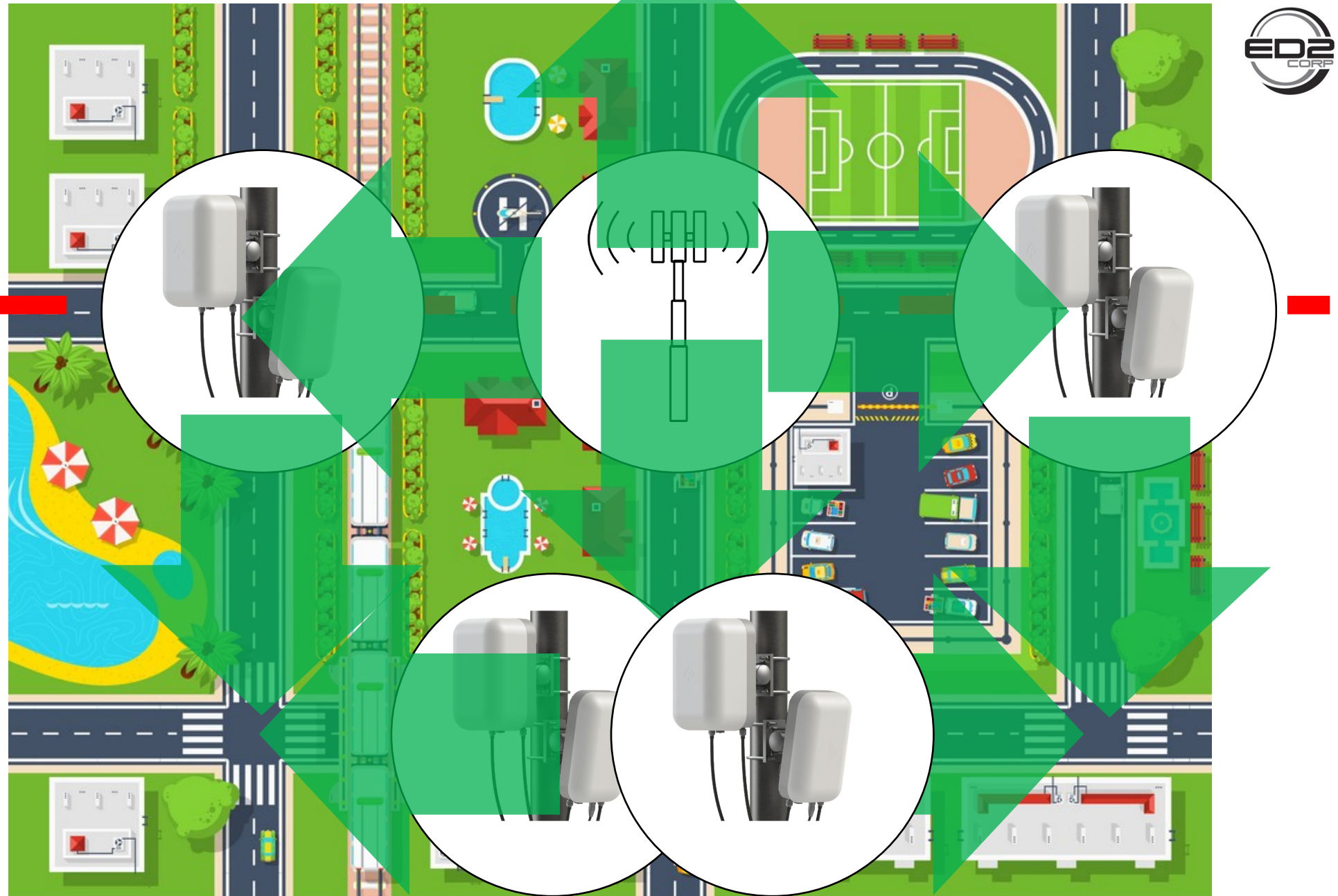
Exclusively licensed to



ED2 5G Wireless Repeaters



ED2 5G Wireless Repeaters Deployed



Power and a pole!

ED2 Advanced Antenna System

- 360° 5G Antenna System
- 64 antennas/unit

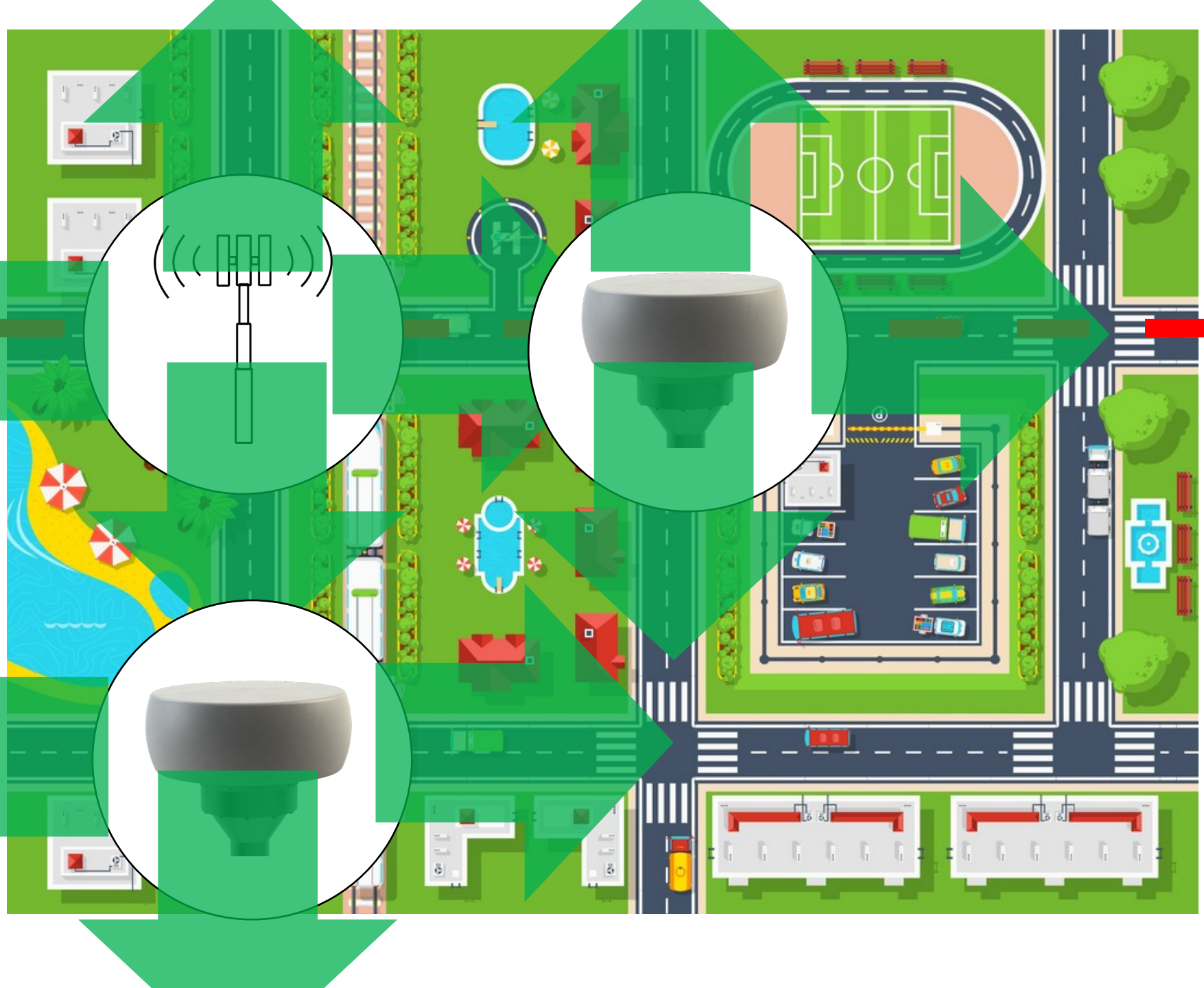
FREEFALL5G

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ED2 5G Wireless Repeaters

Power and a pole!



Thank You

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