

Wireless Training Topics.

Understanding Wireless Communications

- Wireless Communications
- Wireless Infrastructure
- Point-to-Point (PTP)
- Point-to-Multipoint (PtMP)

RF Fundamentals

- What is Frequency?
- Licensed vs. Unlicensed
- Propagation Characteristics
- Understanding "dB" dBm, dBi, E.I.R.P, RSSI, SNR etc.
- Radio Sensitivity and Selectivity
- Channel Width
- Modulations and Data Rates

Link Planning and Management

- Link Budget
- Site Survey
- Fresnel Zone
- Line of Site
- Link Calculations
- Link Fine Tuning
- Fade Margin
- Wireless Security

Ubiquiti Protocols and Cambium Technologies

- airMAX
- WDS
- Traffic Shaping
- airSync
- Expanded labs including a lab practical

Common Trouble shoot

UBIQUITI and Cambium Product