Project Kuiper – Interview Cheat Sheet

1. Leadership / Behavioral

• Built/scaled team → defined skills, hired, mentored, cut onboarding time, delivered on schedule.
• Handled conflicts → facilitated sessions, phased rollout, aligned teams, met deadline.
• Mentoring → set growth goals, pairing, stretch projects, improved ramp-up & retention.

2. Technical / Embedded & Networking

• Data plane = user traffic (throughput/latency). Control plane = session/auth/handovers (reliability).
• High packet loss → PHY (adaptive coding), Transport (QUIC), App (FEC). Cross-layer optimization.
• Secure boot/manufacturing → root of trust, signed firmware, secure key injection, signed OTA.
• RF driver → SPI/I2C init, calibration, interrupts, expose to MAC/PHY, optimize ISR for latency.

3. Strategic / System

• Roadmap → gather reqs, define metrics, map dependencies, priority framework, communicate tradeoffs.
• Innovation vs. reliability → sandbox & shadow test, phased rollout, regression & HW-in-loop tests.
• Why Kuiper → mission (global broadband), technical breadth (OSI stack), fit (embedded + HPC), growth (scaling teams).

4. Questions to Ask Them

• What's the biggest technical challenge for terminals this year?
• How does the team collaborate across OSI layers?
• What's the vision for scaling the team in 2–3 years?