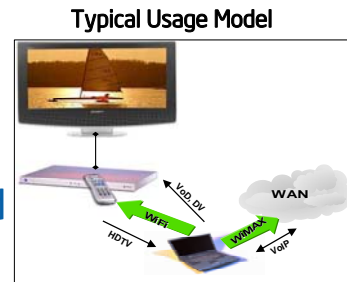# MAC Coordination for Multi-Radio Coexistence
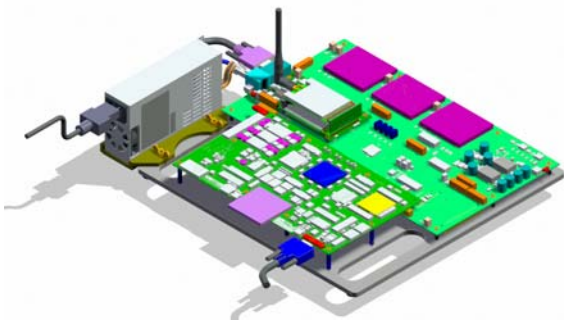
Mission Statement

Enable radio coexistence on multi-com wireless system to support multi-radio usage models for next-gen mobile devices
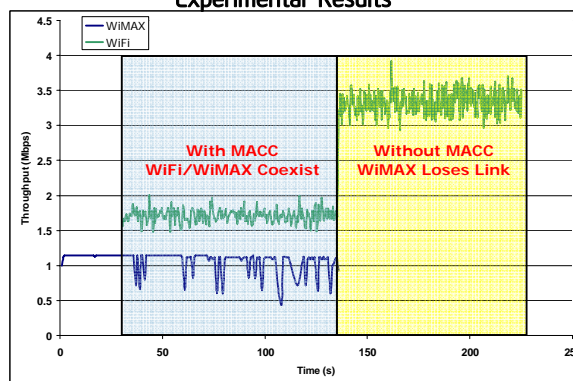
MAC Coordination

Dynamically schedule shared RF resources (spectrum, antenna, FEM, etc.) among radios to meet application requirements and enable desired usage models

Typical Usage Model

Crown Point POC Platform

Experimental Results

With MACC
WiFi/WiMAX Coexist

Without MACC
WiMAX Loses Link

Summary

- MAC Coordination enables simultaneous operation of WiFi/WiMAX
- Technology can incorporate additional radios in the future