

TABLE 1 TYPICAL MOBILE-PERFORMANCE SCENARIOS

User-experience scenarios	Mobile-performance scenarios
Using a Wi-Fi game controller while playing a console video game	Data throughput over range
Walking around a house while on a voice-over-Wi-Fi call	Voice quality over range
Downloading a new release of a band to a portable music player while walking around the airport	Data throughput during AP-to-AP roaming
Making a voice-over-Wi-Fi call between an office and a conference room	Voice quality and dropped calls during AP-to-AP roaming
Making a conference call while heading into the office	Voice quality and dropped calls during hand-in/hand-out network transfer
Making microwaved popcorn causes dropped calls	Interference from microwave oven
Experiencing more battery drain at home than at work when using Wi-Fi	Battery life over various network conditions