

Clearwire Corporation

John Butler, Chief Financial Officer

Jefferies Communications Conference

September 9, 2008

Seamless Nationwide 4G Communications



Mobile Broadband



Mobile Voice



Residential Broadband



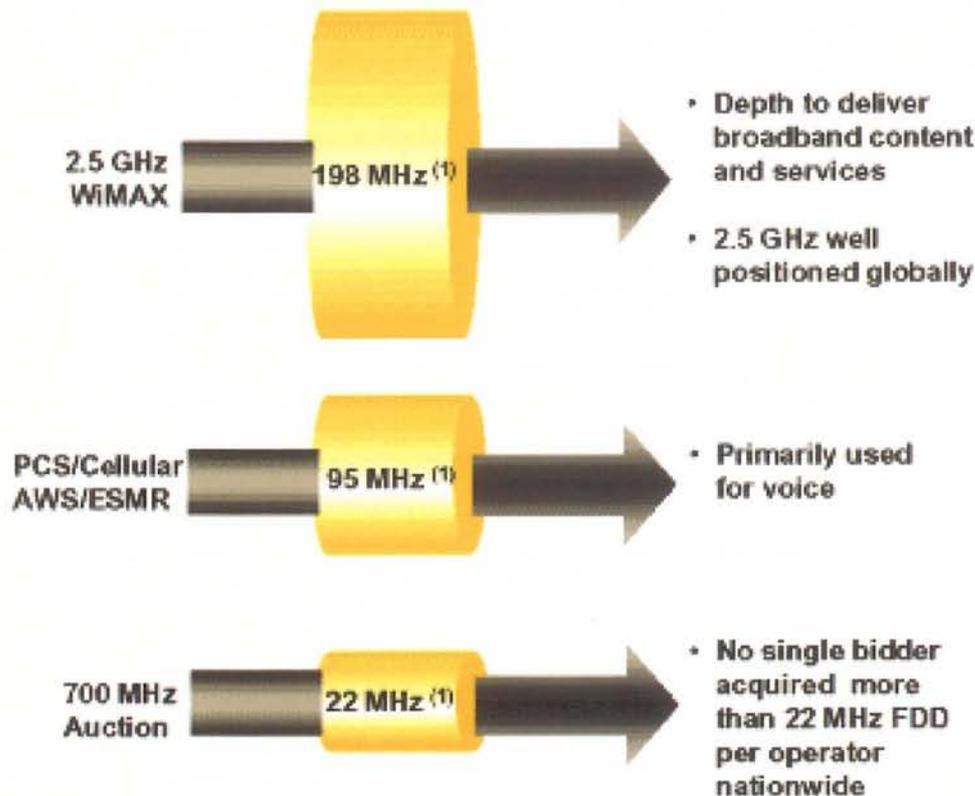
Residential Voice



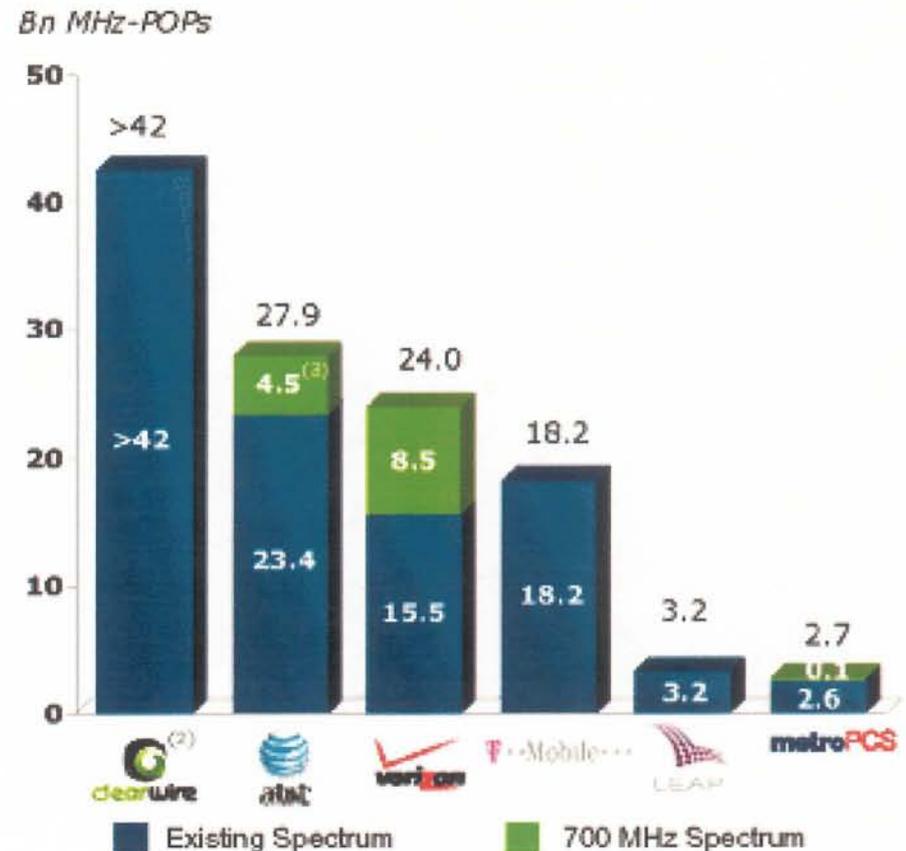
Clearwire's Spectrum Advantage

- Average nationwide spectrum position of > 120 MHz ⁽²⁾

2.5 GHz Spectrum Advantages



Spectrum Holdings (U.S. Carriers)



Source: SNL Financial Database as of May 2008

(1) Represents largest holding by a carrier.

(2) Represents Clearwire's currently estimated spectrum position post closing.

(3) Includes spectrum acquired from Aloha Partners.

Spectrum Depth Drives Enhanced Services and New Capabilities

30 MHz

- 2-4 Mbps end-user experience.
- Mobile VoIP service.
- Ancillary services: Email, IM, Push to x, etc.
- Mobile broadcast video (~20 channels).

60 MHz

- 4-6 Mbps end-user experience.
- Video on demand for mobile media players.
- Mobile video conferencing.
- Advanced telematics and vehicle infotainment.
- Mobile broadcast video (~40 channels).

120 MHz

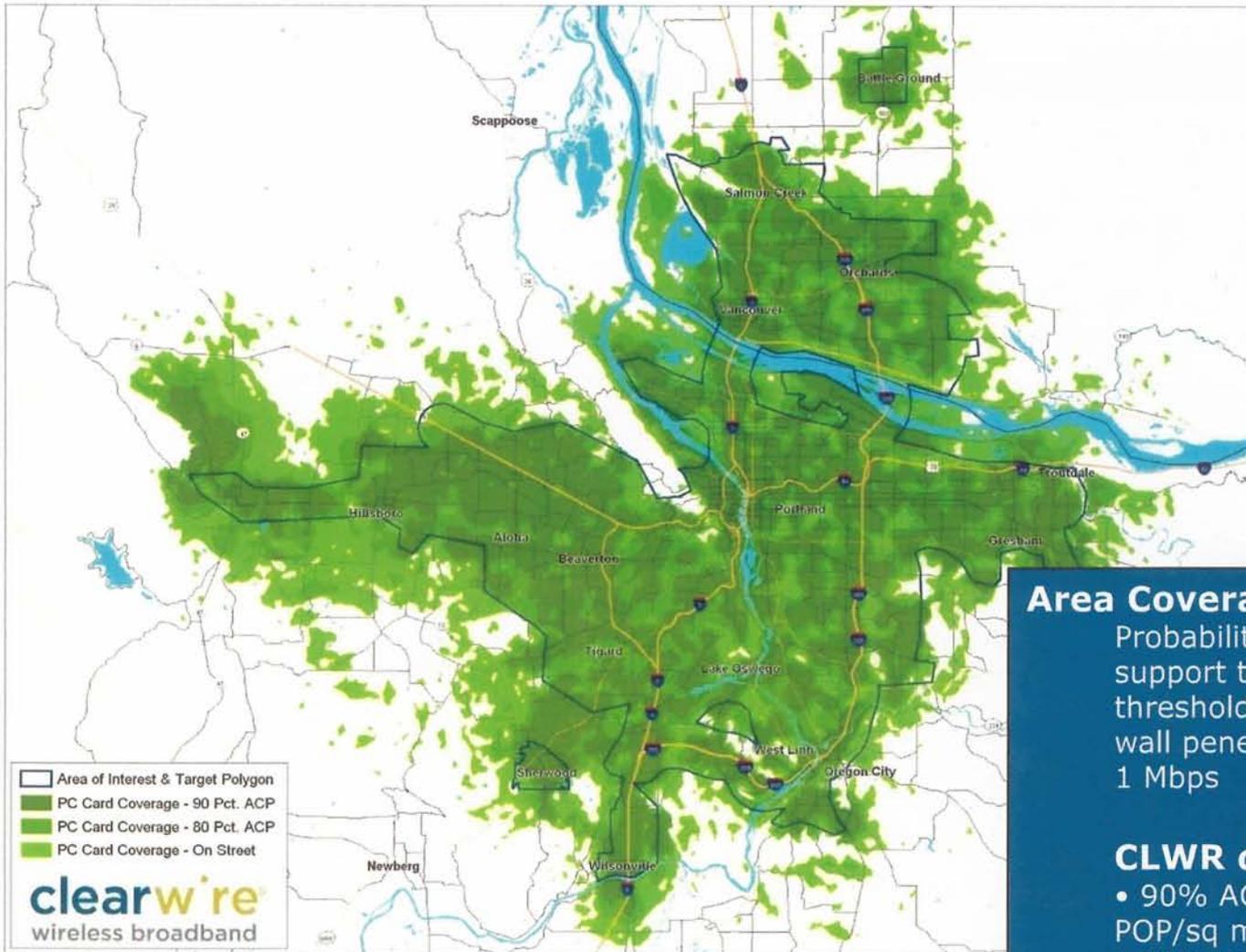
- 6-15 Mbps end-user experience.
- HD Video on demand for mobile media players.
- CD quality streaming audio.
- Massively Multiplayer Online Gaming (MMOG).
- Heavy user and player created content: video blogging, MMORPG, etc.
- Mobile broadcast video (~90 Channels).

***Portable Computer and
Communications Association
Presentation on WiMAX Vision and
the Next Generation Mobile Internet***

***Tim Towell
October 9, 2008***

Portland WIMAX Network

Portland WiMAX Coverage



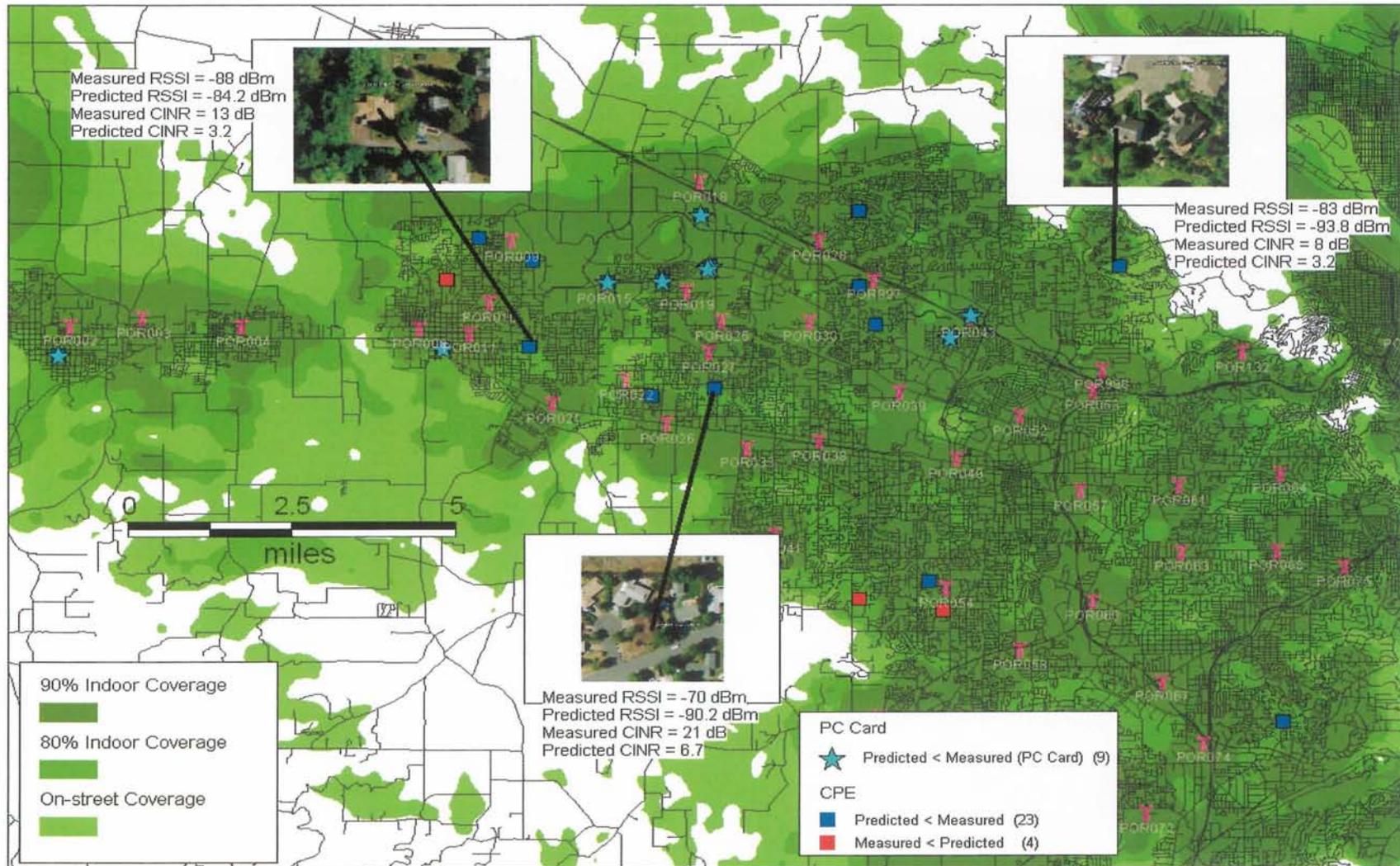
Area Coverage Probability (ACP)

Probability that the RF signal will support the minimum service threshold (QPSK), @ indoors with 1 wall penetration. QPSK is typically > 1 Mbps

CLWR designs for :

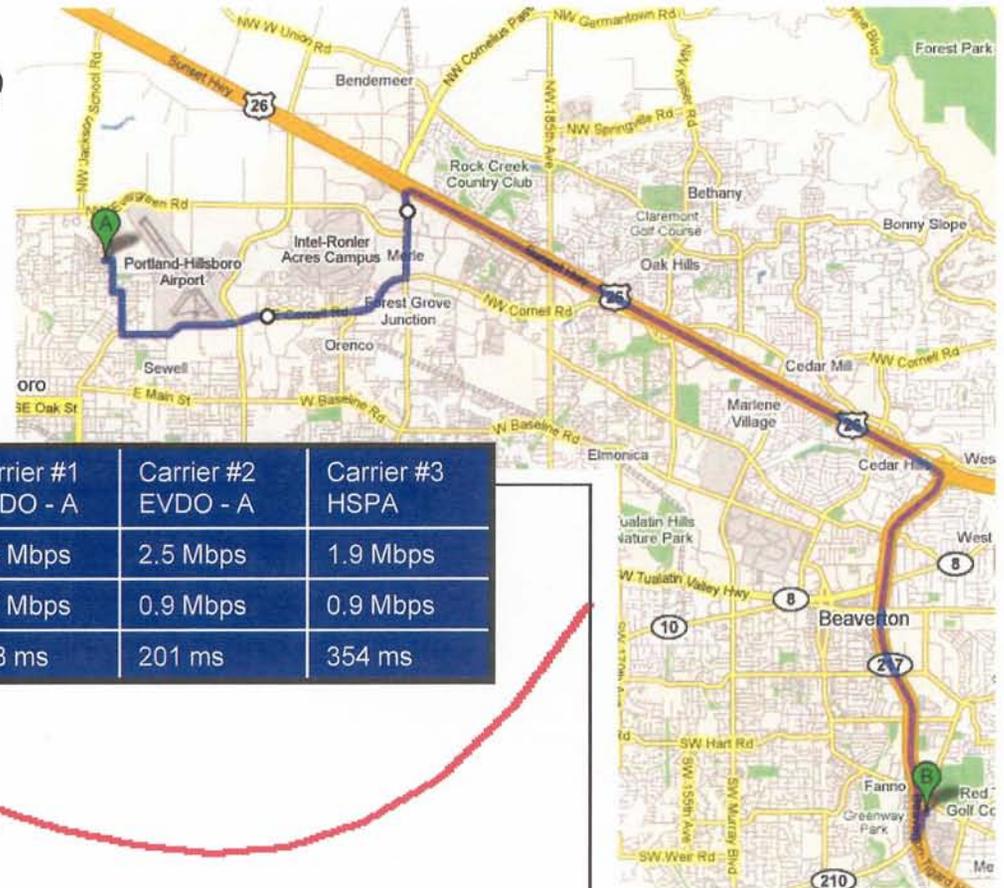
- 90% ACP for areas with > 2800 POP/sq mi
- 80% ACP for areas between 250 – 2800 POP/sq mi

Portland Inbuilding Tests

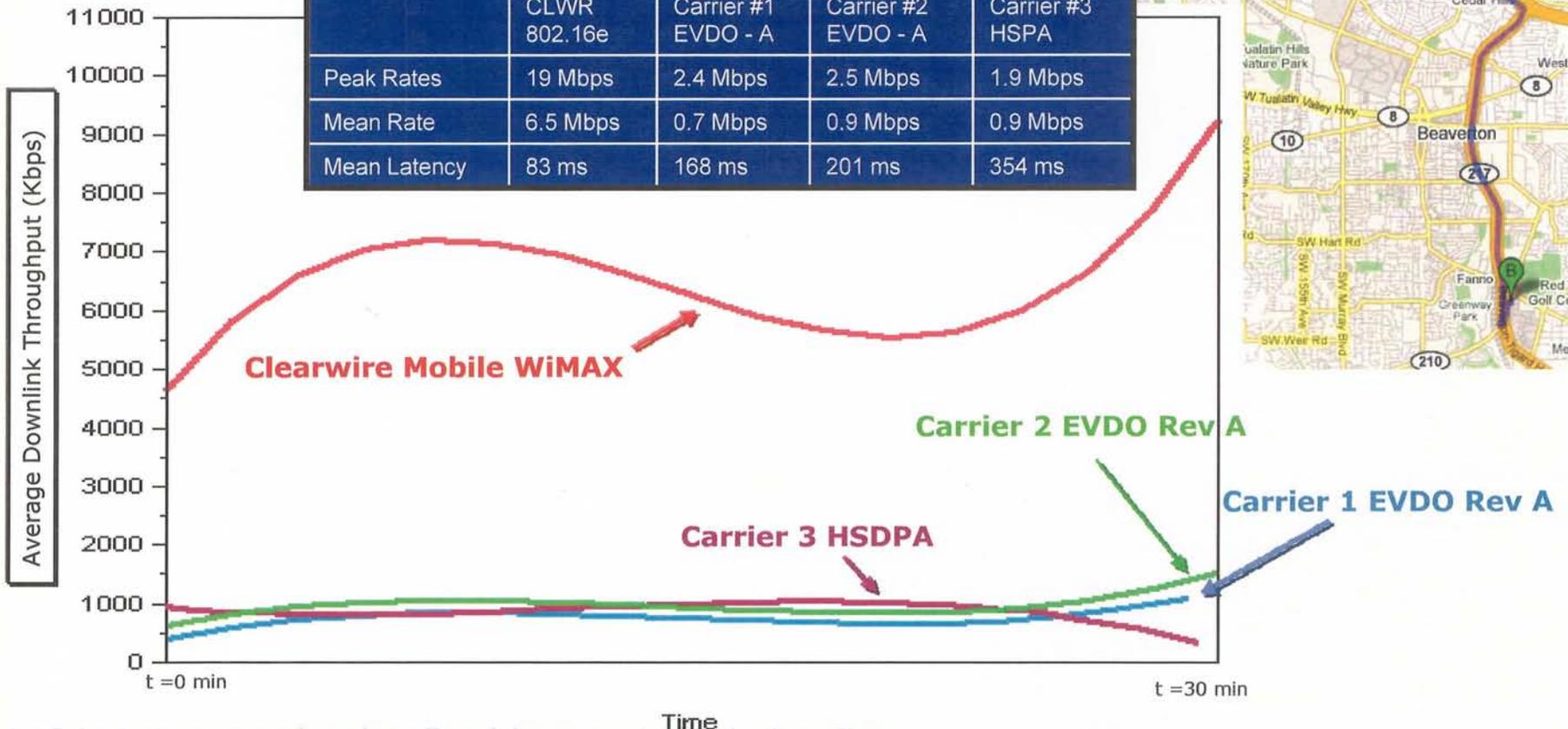


Actual Mobile Drive Experience

Location : Portland, OR
Drive route : 17 miles
Drive time : 30 mins
Average Vehicle Speed : 35 mph
Max Vehicle Speed : 55 mph



	CLWR 802.16e	Carrier #1 EVDO - A	Carrier #2 EVDO - A	Carrier #3 HSPA
Peak Rates	19 Mbps	2.4 Mbps	2.5 Mbps	1.9 Mbps
Mean Rate	6.5 Mbps	0.7 Mbps	0.9 Mbps	0.9 Mbps
Mean Latency	83 ms	168 ms	201 ms	354 ms



Note: Drive tests were conducted at off-peak hours to minimize loading effects