

Five tests completed 10/4/06 2330 Using SpeakEasy Speed test from Redondo Beach, CA Eric D. Mack

Objective: To measure performance benefit of 1xEVDO Network over existing Sprint PCS Network

Notes: My goal here was not to argue Verizon vs Sprint, but to measure whether or not the speed boost offered by an EVDO network would be beneficial to a handheld user.

Equipment used: Treo 650 on Sprint PCS Network
Treo 700p on Verizon EVDO Network

	BASE TEST		DUN MODE		DUN MODE		PROXY MODE	
	Treo 650 PDANet		Treo 700p PDANet		Treo 700p PDANet w/EVDO Boost		Treo 700p PDANet w/EVDO Boost	
	Download	Upload	Download	Upload	Download	Upload	Download	Upload
	129	42	511	76	534	82	534	82
	132	35	480	68	531	57	531	57
	132	56	381	79	692	79	692	79
	137	43	522	99	680	64	680	64
	127	31	514	122	705	66	705	66
AVG	131.4	41.4	481.6	88.8	628.4	69.6	628.4	69.6
X Boost over 1xRTT			3.67	2.14	4.78	1.68	4.78	1.68
			267%	114%	378%	68%	378%	68%

Conclusions:

A 700p on EVDO is definitely faster than 650 on 1x RTT. It's more usable for web surfing, etc.
EVDO Boost mode provides faster upload speeds at expense of slightly slower download speed
In my tests, EVDO offered up to three times the speed performance on download and up to twice the speed for upload.
PDANet Rocks! However, no noticeable performance benefit with EVDO Boost or Proxy Mode