

PXC WLAN 2011 Throughput Testing

<b>Access Point - Wireless Client to PXC WLAN 2011</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-50	24.1	23.2	20.6	22.63
5GHz	60+ / 40MHz	-49	77.3	74.3	85.6	79.07

<b>FTB Fully Transparent Bridge PXC WLAN 2011 to PXC WLAN 2011</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-51	24.2	17.2	19.4	20.27
5GHz	60+ / 40MHz	-48	44.1	44.9	45.2	44.73

<b>SCB Single Client Bridge PXC WLAN 2011 to PXC WLAN 2011</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-53	26.1	18.3	27	23.80
5GHz	60+ / 40MHz	-48	36.1	35.6	33.5	35.07

<b>MCB Multi Client Bridge PXC WLAN 2011 to PXC WLAN 2011</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-54	23.4	20.8	16.5	20.23
5GHz	60+ / 40MHz	-49	25.1	25.1	25.2	25.13

<b>SCB Single Client Bridge PXC WLAN 2011 to Aruba IAP215</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-40	20.1	18.9	18.9	19.30
5GHz	36+ / 40MHz	-41	37.4	40.1	40.8	39.43

<b>MCB Multi Client Bridge PXC WLAN 2011 to Aruba IAP215</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-40	16	14.8	15.1	15.30
5GHz	36+ / 40MHz	-41	42	43.3	42.8	42.70

<b>SCB Single Client Bridge PXC WLAN 2011 to Cisco 3702I</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-38	20	19.3	18.7	19.33
5GHz	36+ / 40MHz	-37	43.9	41.8	42.5	42.73

<b>MCB Multi Client Bridge PXC WLAN 2011 to Cisco 3702I</b>						
<u>Frequency</u>	<u>Ch / Width</u>	<u>RSSI</u>	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	<u>Average (Mbps)</u>
2.4GHz	1 / 20MHz	-36	15.5	12.5	14.1	14.03
5GHz	36+ / 40MHz	-35	45.8	45.3	43	44.70