RMI AU1250 with DM9000A Performance report

Test Environment:

There are three devices connected to 100/10 Switch as Fig.1. PC connects to Port 1 of Switch and STB(AU1250+DM9000A) connects to Port2 of Switch. H/W Sniff connects to Port 0 of Switch and this port was set to be mirror port.

Test method:

PC opens 10 terminals in Linux and each terminal uses the following command.
“ping 192.168.11.115 –s 1472 –f”
While PC and STB are communication, the traffic will forward to Hardware Sniff because port 0 of Switch is mirror port. Thus Hardware Sniffer can calculate the bandwidth according to network traffic.

Test result:

The average bandwidth is 38 Mbit/second.