

	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
1%	1986.91±256.78	4.06±1.86	0.09	2
5%	1568.74±178.52	3.49±1.79	0.23	9.77
10%	1140.82±161.92	3.14±3.24	0.49	19.02
20%	314.4±61.98	2.71±4.03	2.43	36.01

TABLE 1. Rate, OWD and loss averaged results for different packet loss constraints on the link.

	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
50 ms	1913.56±254.86	102.51±1.44	0.05	0.05
100 ms	1485±268.11	401.91±3.33	0.06	0.06
200 ms	560.82±129.57	3.14±3.24	0.33	0.4
500 ms	255.67±45.85	1001.36±3.99	0.35	0.37

TABLE 2. Summary of averaged results with different delay conditions.

	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
25 ms	71.78±18.32	82.66±16.14	6.77	18.91
50 ms	57.19±16.63	101.26±0.56	15.49	22.97
100 ms	64.06±20.12	201.48±4.56	10.87	18.77
200 ms	66.27±19.87	403.83±28.69	11.68	18.83

TABLE 3. Averaged results with different delay conditions and 10% packet loss.

500 Kbit/s				
	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
100 ms	199.01±33	35.67±30.34	1.91	3.99
500 ms	189.41±23.83	101.26±0.56	0.29	0.76
1 s	213.2±16.22	47.8±62.23	0.38	0.61
10 s	214.55±14.38	87.88±149.73	0.06	0.06
1 Mbit/s				
	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
100 ms	362.87±68.18	31.42±11.9	0.79	1.42
500 ms	304.4±78.02	26.63±10.86	0.12	0.12
1 s	374.64±58.64	27.48±8.8	0.05	0.05
10 s	438.31±31.58	27.16±7.32	0.04	0.04
5 Mbit/s				
	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
100 ms	1965.95±224.02	20.13±4.16	0.02	0.02
500 ms	1580.39±265.24	17.99±15.52	0.03	0.03
1 s	1920.67±243.38	18.45±5.57	0.02	0.02
10 s	1580.39±264.24	17.99±13.52	0.03	0.03

TABLE 4. Averaged results with different queue and bandwidth configurations.

	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
0 ms	75.49±25.02	4.92±13.81	0.26	0.22
25 ms	84.02±29.17	28.54±2.97	0.24	0.19
100 ms	80.2±30.6	108.19±4.11	0.19	0.19

TABLE 5. PERF test with 10 Mbit/s incoming and 1 Mbit/s outgoing link constraint and with different delays.

	Rate (Kbit/s)	OWD (ms)	Residual Loss (%)	Packet Loss (%)
-	469.01±221.09	5.5±5.26	0.04	0.03
10 Mbit/s	160.24±51.04	8.26±9.72	0.07	0.06
20 Mbit/s	481.85±155.56	20.02±12.16	0.85	0.61

TABLE 6. Two parallel simultaneous calls with different bandwidth constraints on the link.