LAMPIRAN 1: Spesifikasi *Wireless Router* WRT54GL Versi 1.1

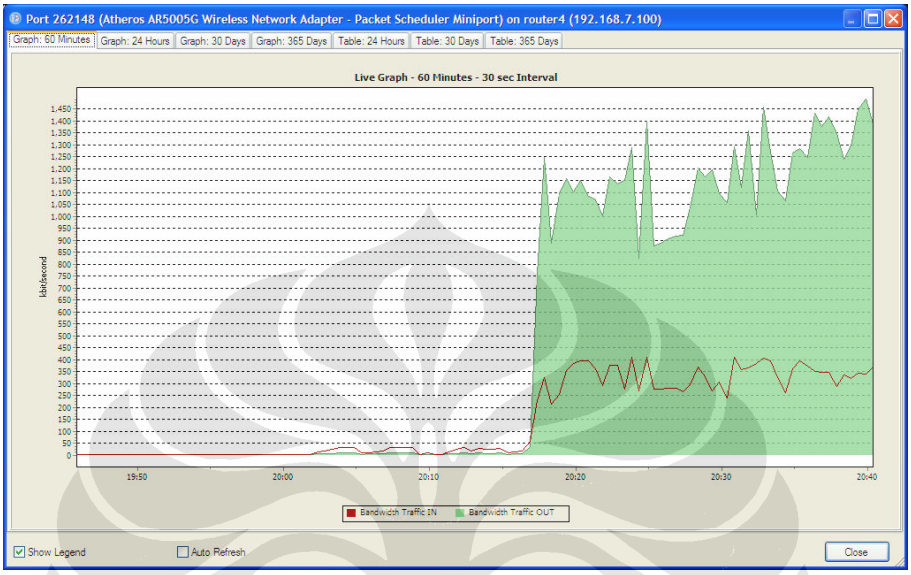
CPU type and version	:	BCM3302 V0.8
CPU speed	:	200 MB
RAM	:	16 MB
Flash memory	:	4 MB
Serial number prefix	:	CL7B
Ports	:	Internet (VLAN0) →1, RJ-45 Port
		LAN (VLAN1) → 1 – 4, RJ-45 Port
		1 Power Port
Buttons	:	Reset, SecureEasySetup
Wireless interface	:	eth1
Networking bridge	:	br0
Antenna connector	:	RP-TNC
Standards	:	IEEE 802.3, IEEE 802.3u, IEEE 802.11g,
		IEEE 802.11b
Cabling Type	:	Ethernet Network Cable
LEDs	:	Power, DMZ, WLAN, LAN (1-4), Internet
RF Power Output	:	18 dBm
Dimensions	:	186 mm × 48 mm × 200 mm
Unit Weight	:	0,482 kg
Power	:	External, 12V, 0.5A
Certifications	:	FCC, IC-03, CE
Operating Temperature	:	32^{o}F to 104^{o}F
Storage Temperature	:	-4^{o}F to 158^{o}F

LAMPIRAN 2**:** Tabel Hasil Pengujian *Self Configure* Dan *Self Healing*.

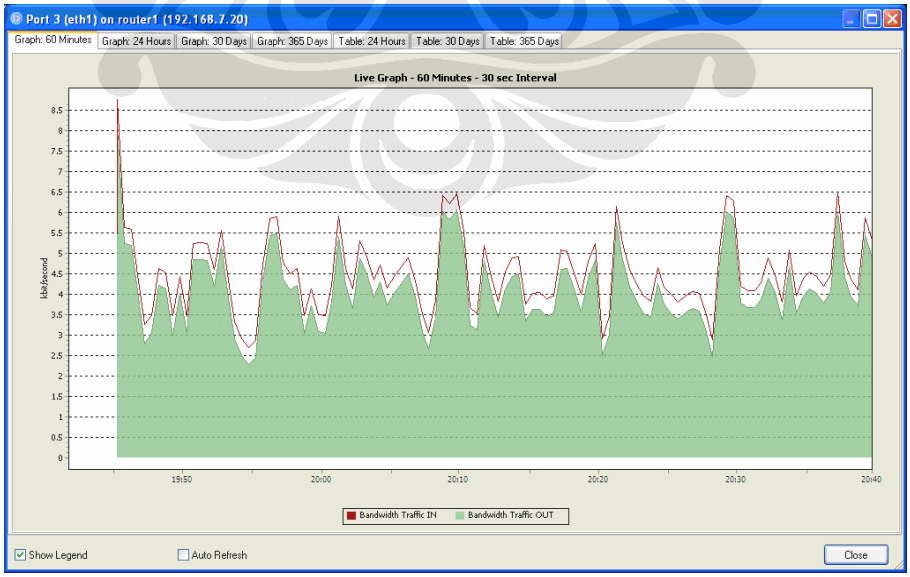
HelloInterval (ms)	Waktu Yang Diperlukan (s)	
	Self Configure	*Self Healing*
100	3,12	106,43
100	2,87	117,32
100	2,54	120,76
100	2,67	107,19
100	3,85	113,81
Rata-rata	3,01	113,102
500	4,35	174,73
500	4,69	183,21
500	5,17	170,29
500	4,77	193,42
500	4,82	189,32
Rata-rata	4,76	182,194
1000	7,43	525,27
1000	6,78	482,19
1000	7,21	402,24
1000	7,34	461,56
1000	6,83	562,65
Rata-rata	7,118	486,782

LAMPIRAN 3: Grafik Hasil Pengujian Pemakaian *Bandwidth*.

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian pertama.

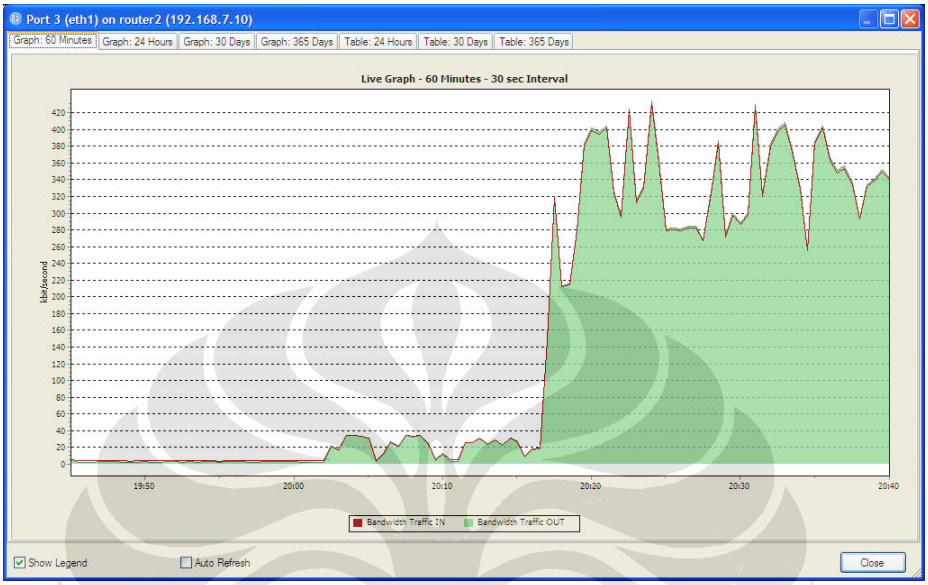


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian pertama.

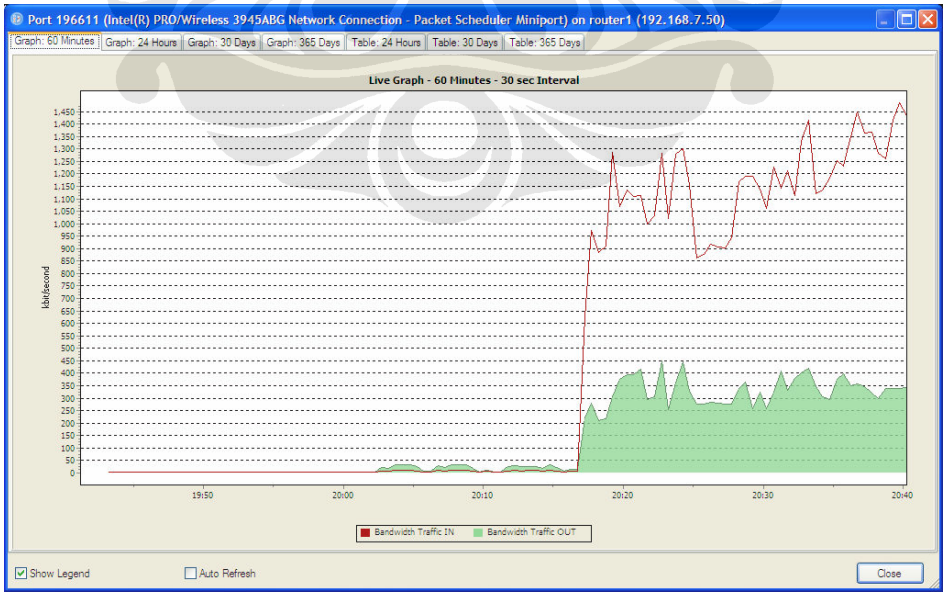


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian pertama.

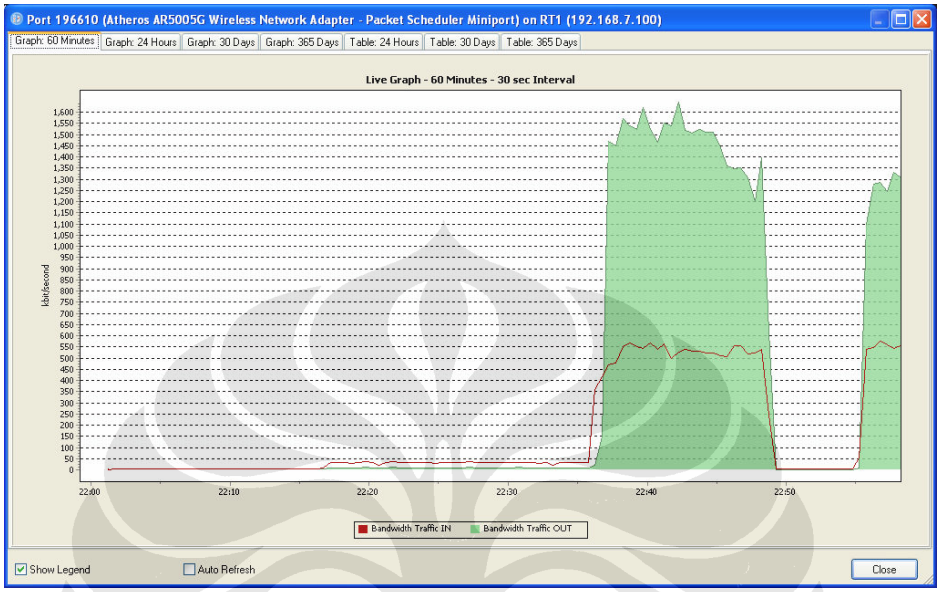


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian pertama.

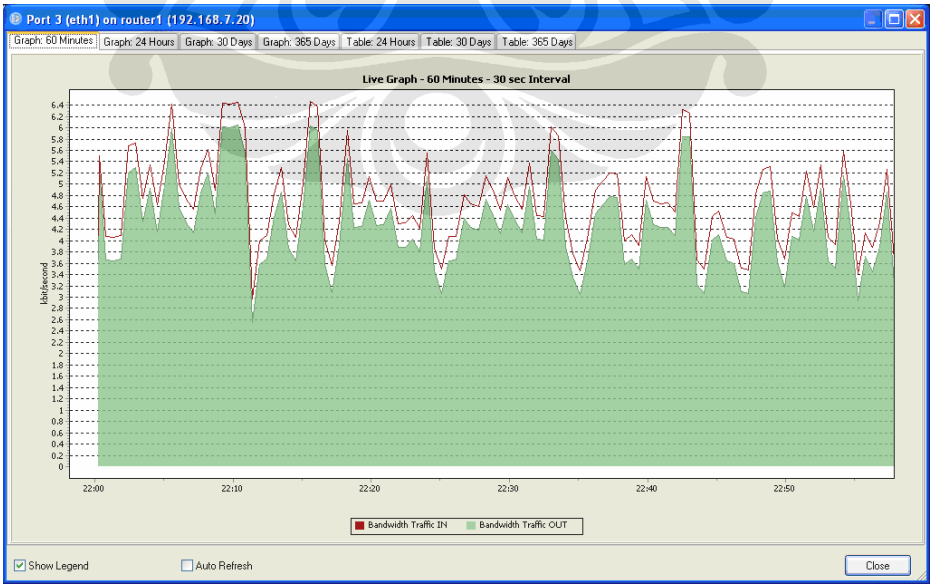


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian kedua.

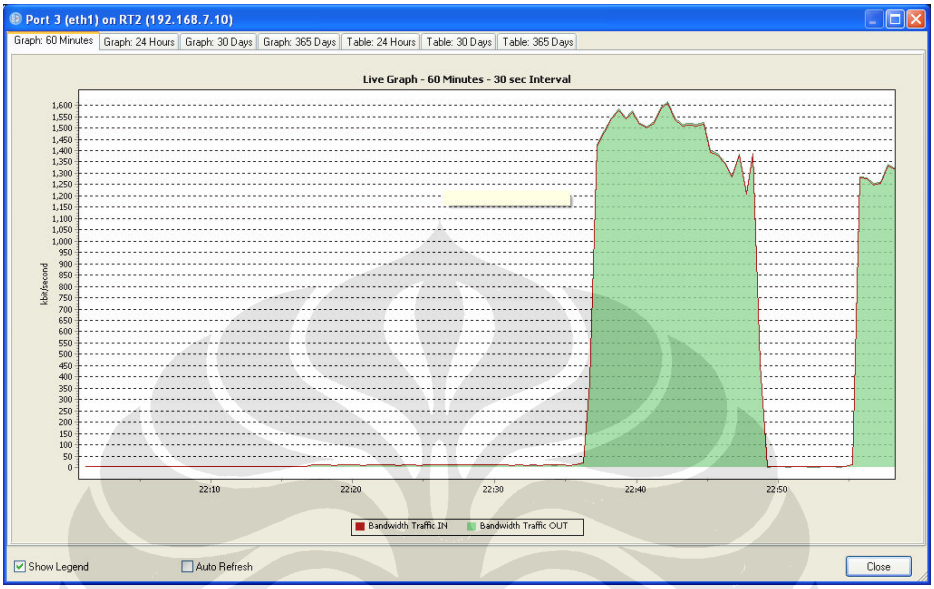


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian kedua.

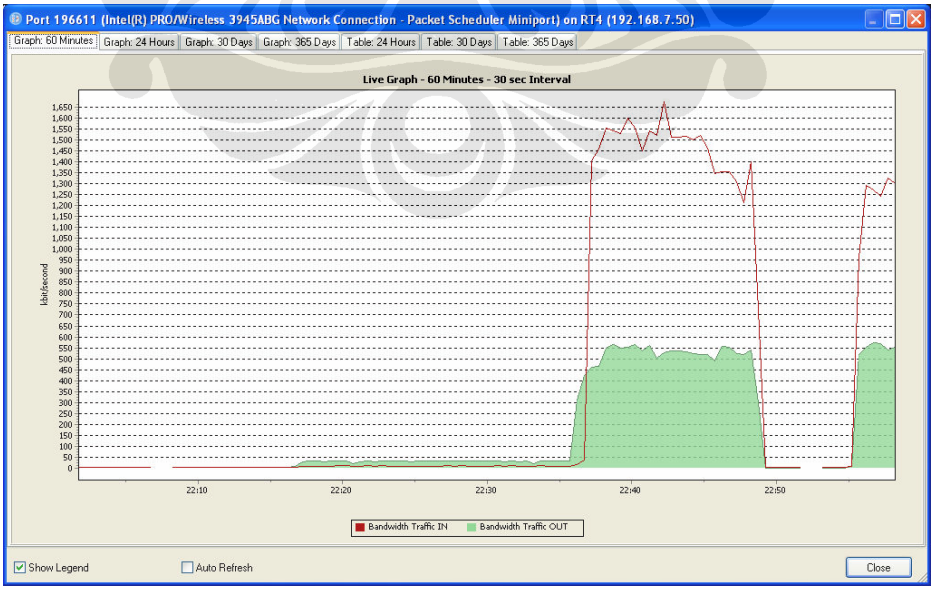


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian kedua.

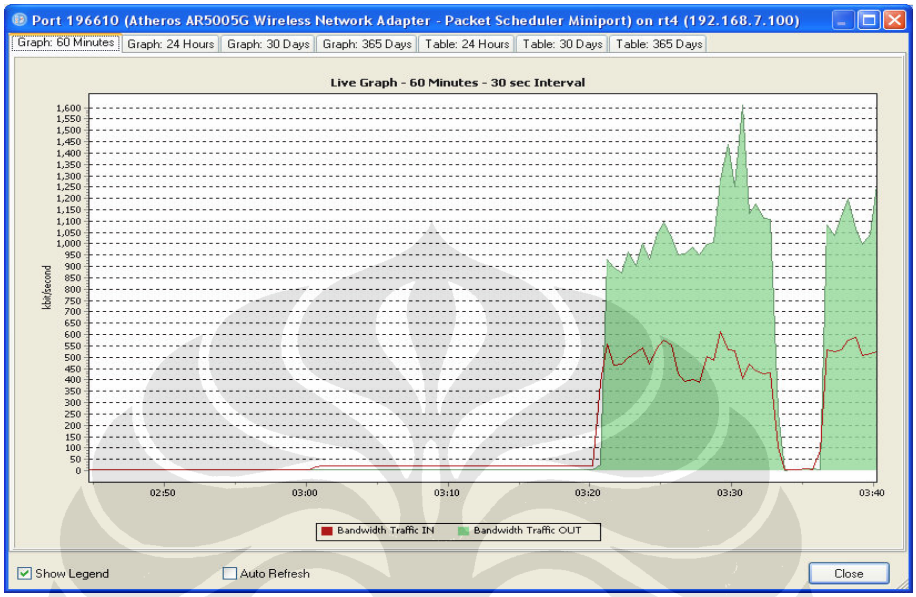


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian kedua.

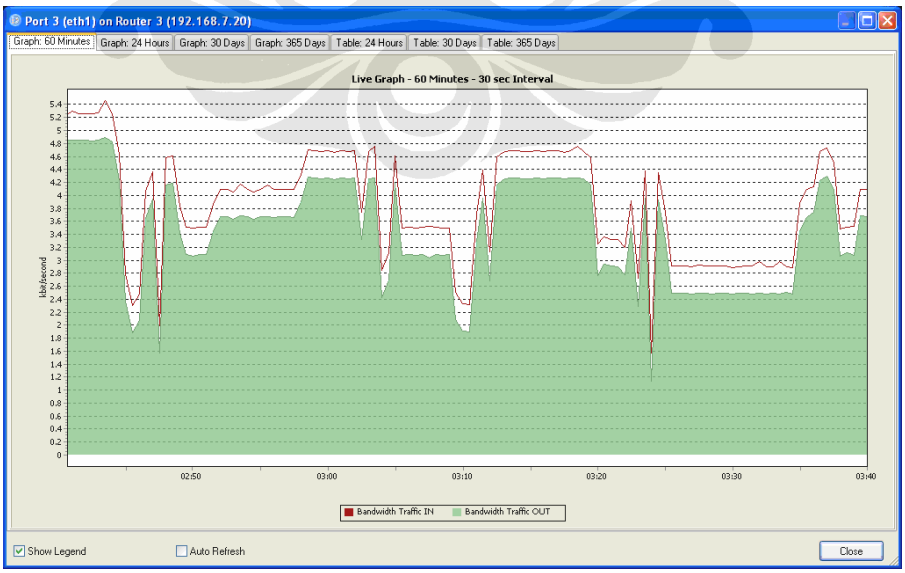


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian ketiga.

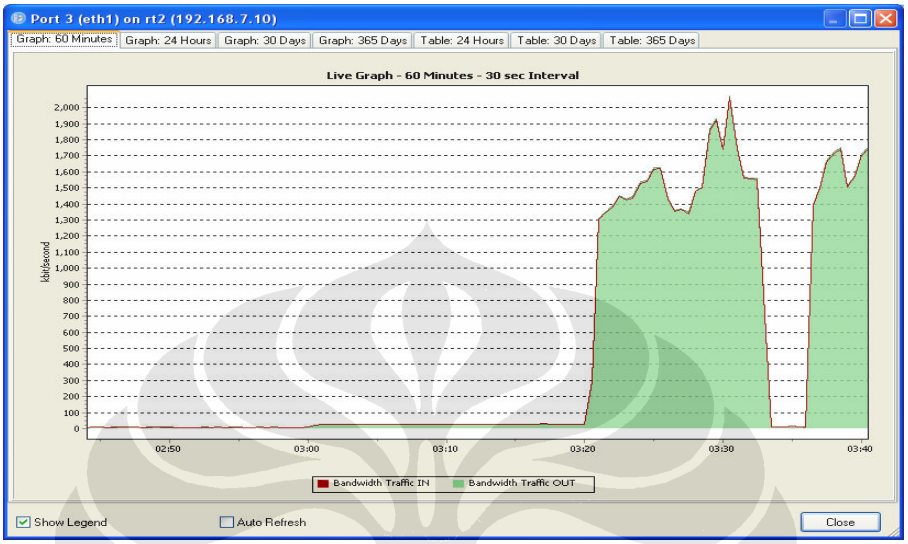


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian ketiga.

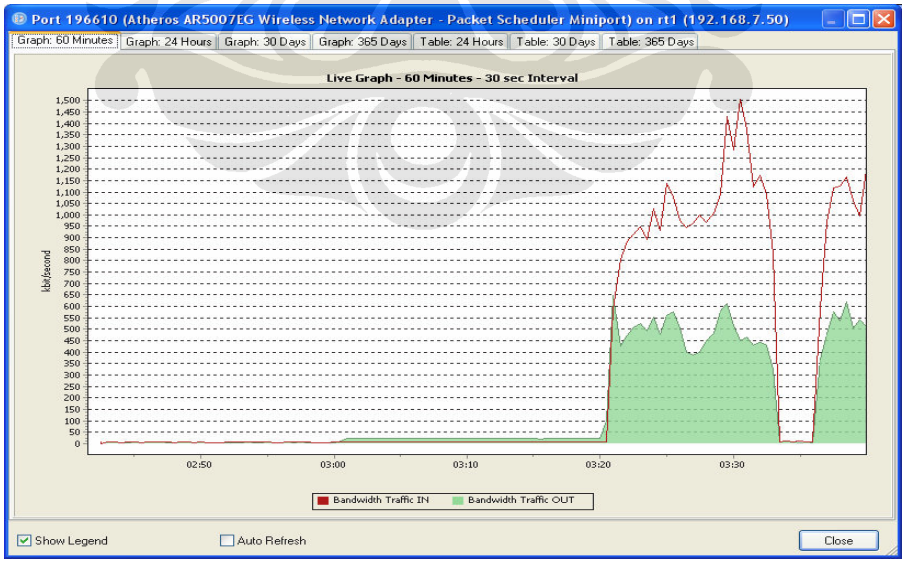


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian ketiga.

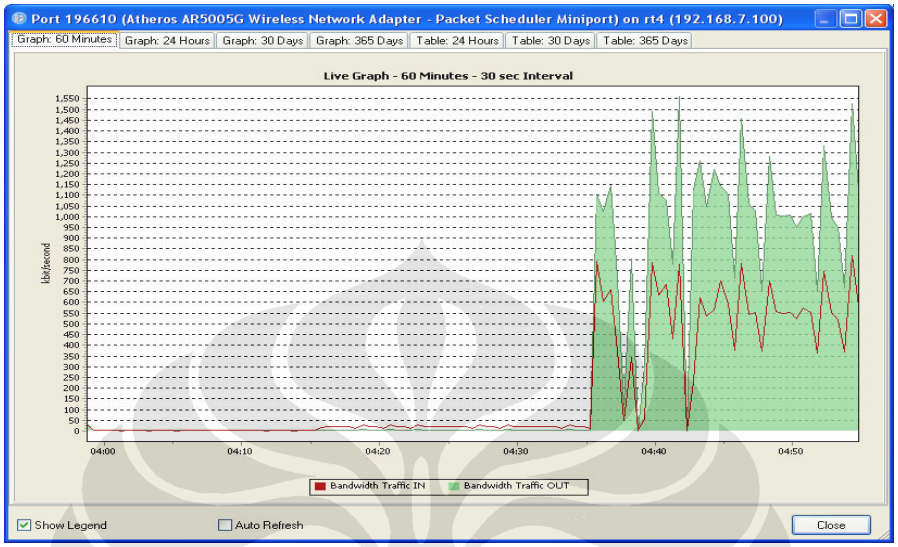


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian ketiga.

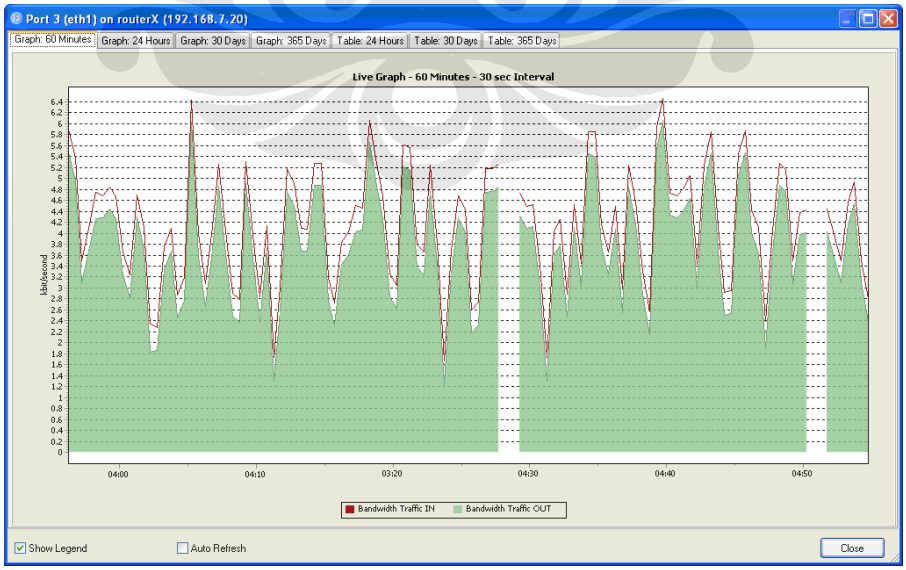


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian keempat.

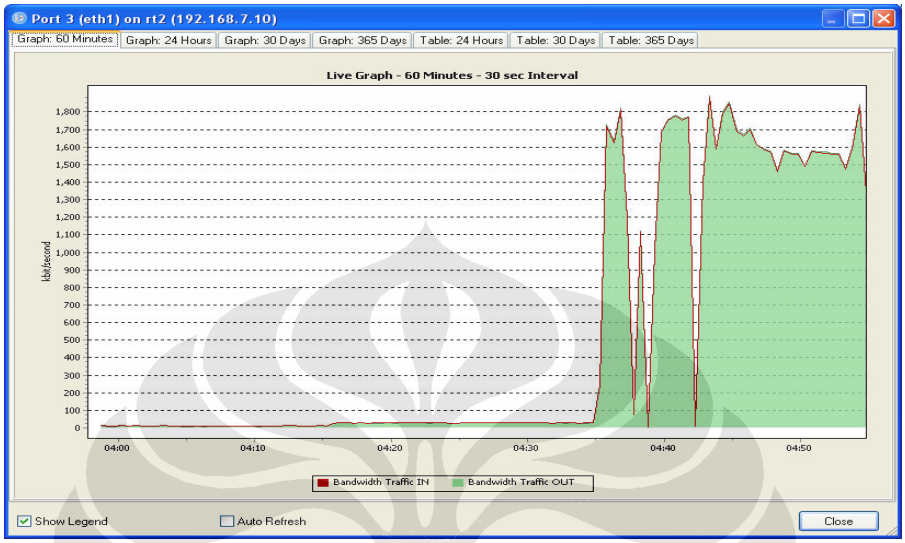


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian keempat.

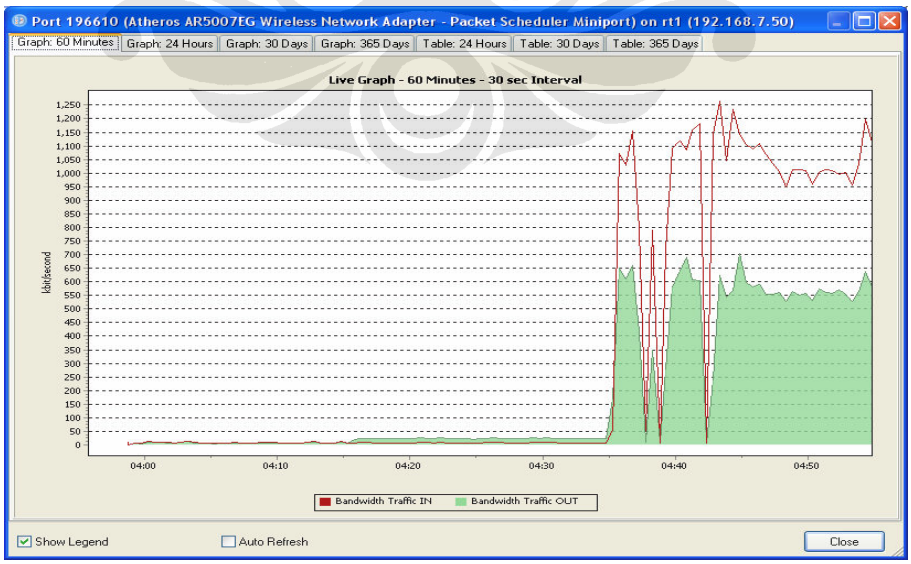


(lanjutan)

Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian keempat.

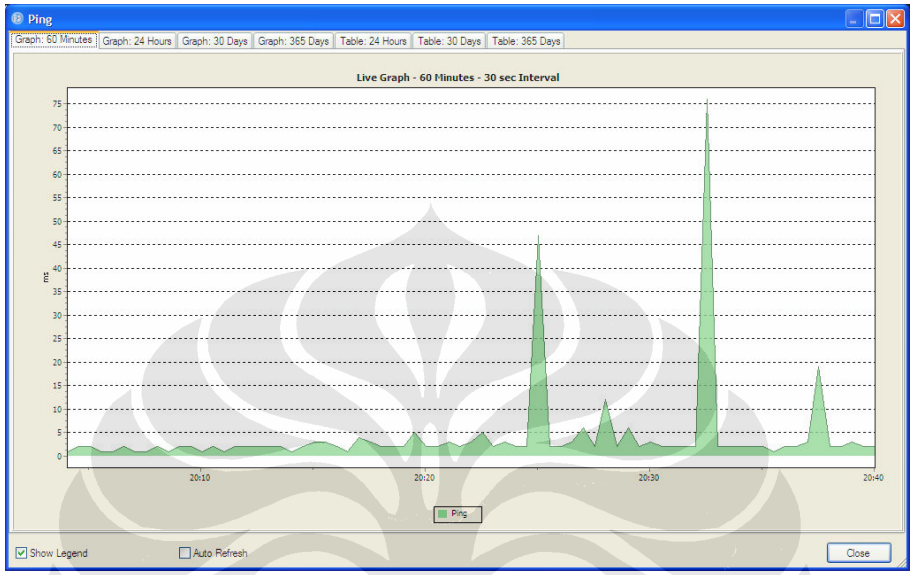


Grafik pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian keempat.

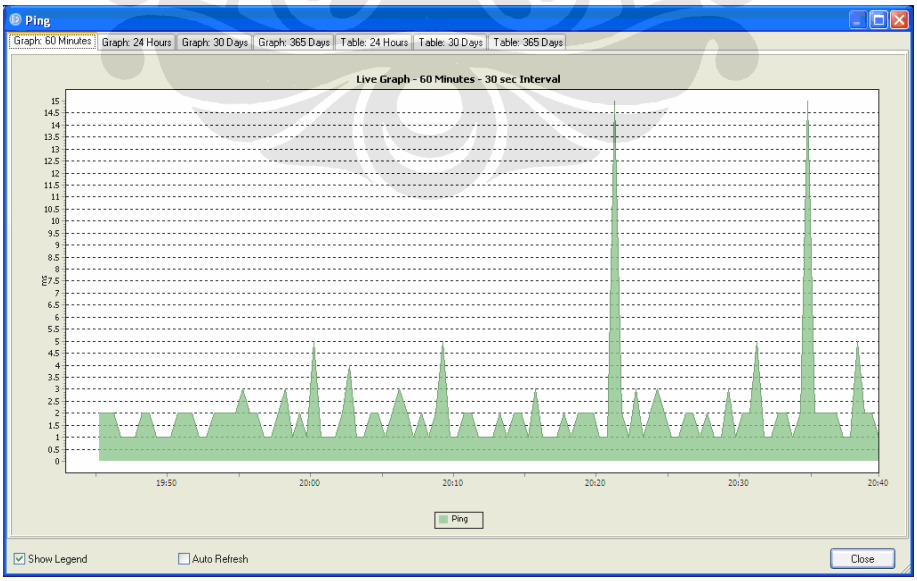


LAMPIRAN 4**:** Grafik Hasil Pengamatan *Latency*.

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* A pada pengujian pertama.

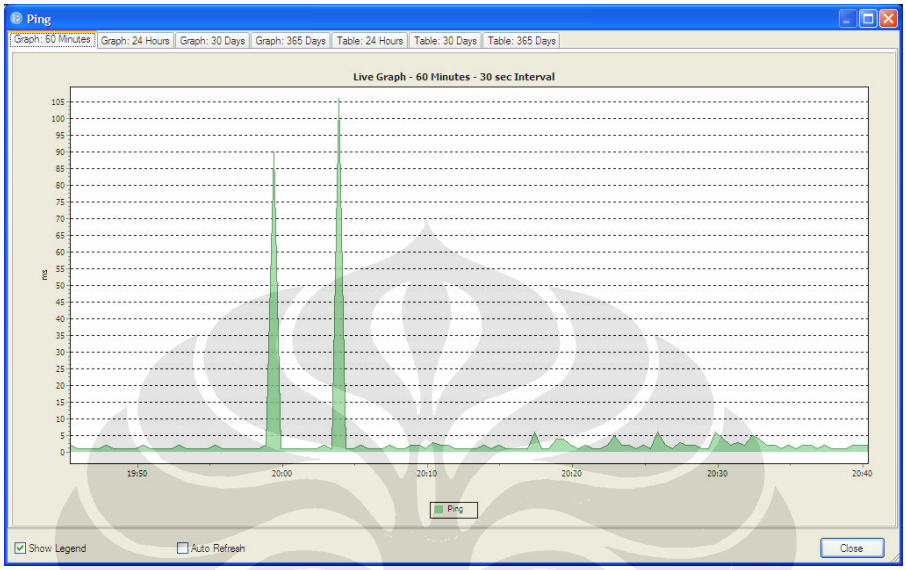


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* B pada pengujian pertama.

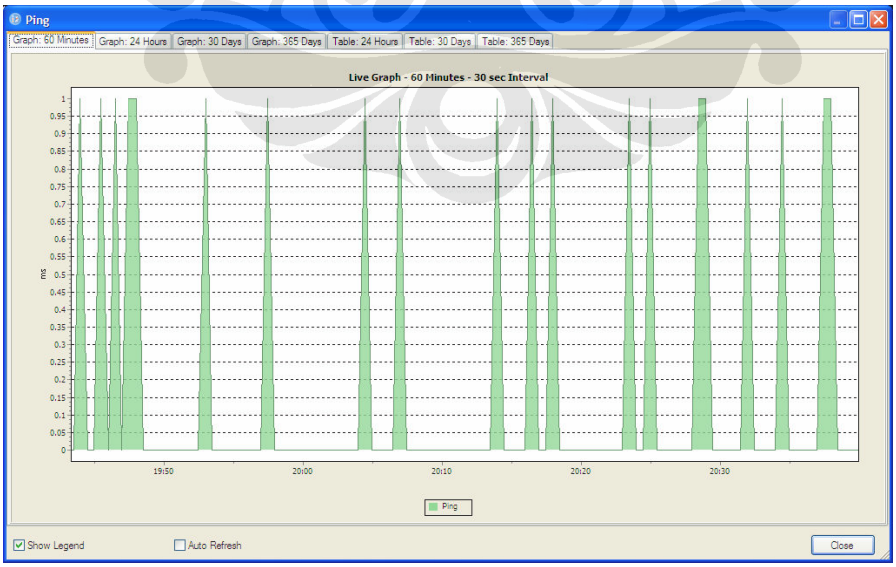


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh router* C pada pengujian pertama.

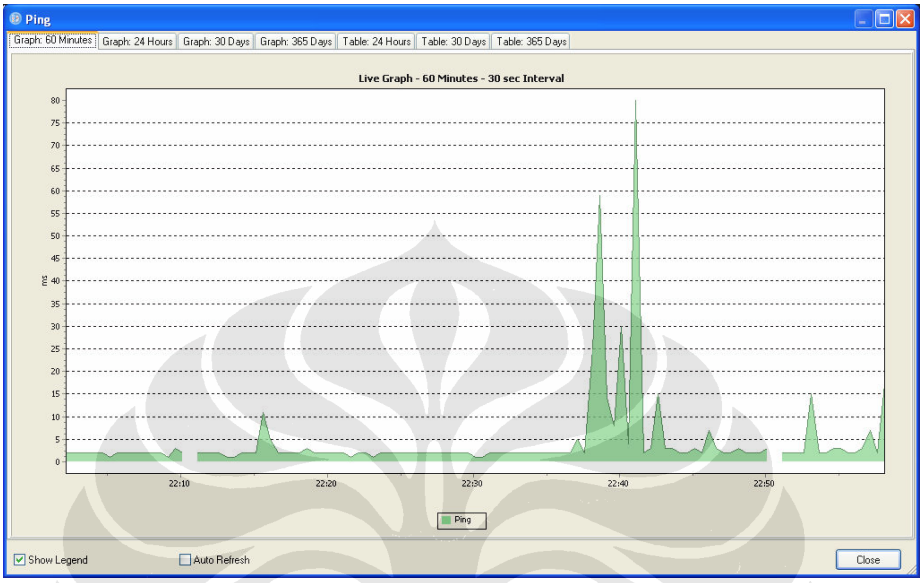


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* E pada pengujian pertama.

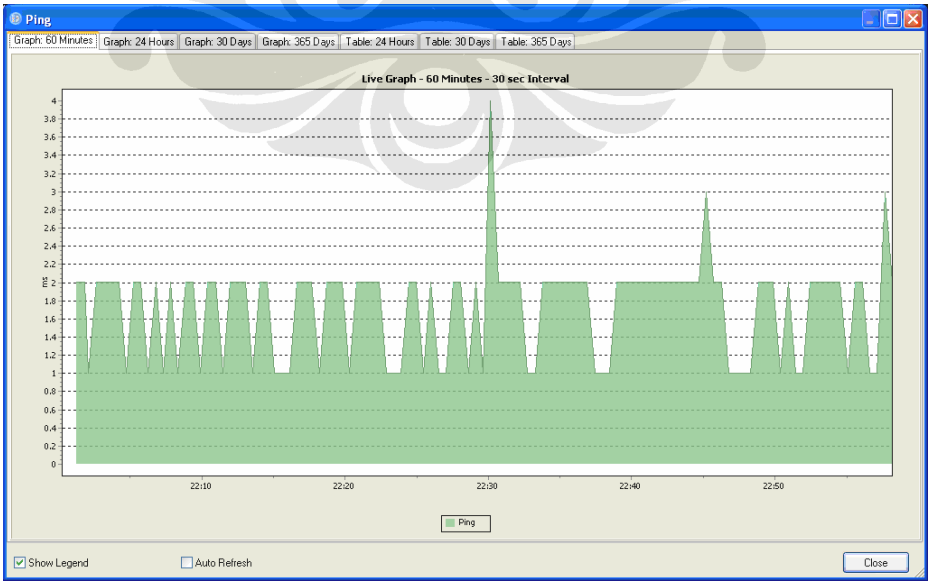


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* A pada pengujian kedua.

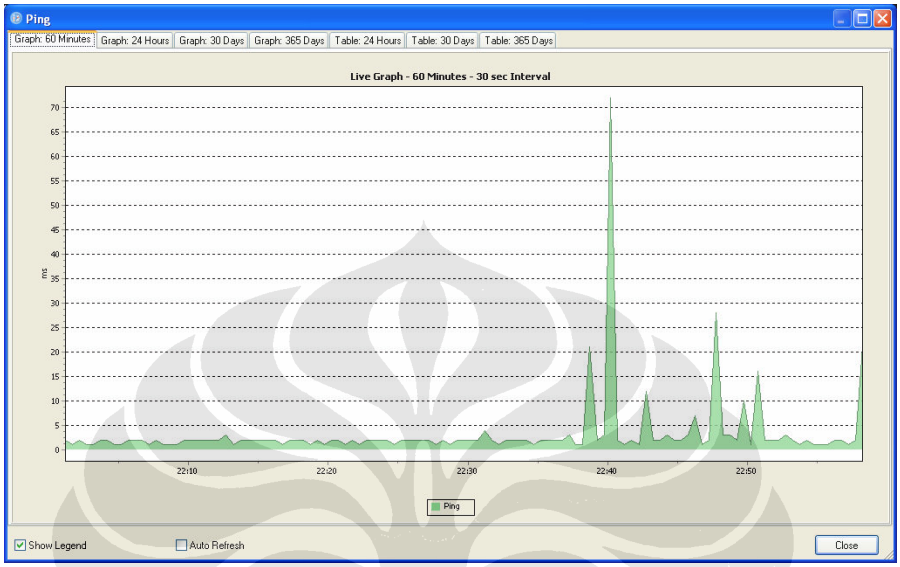


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* B pada pengujian kedua.

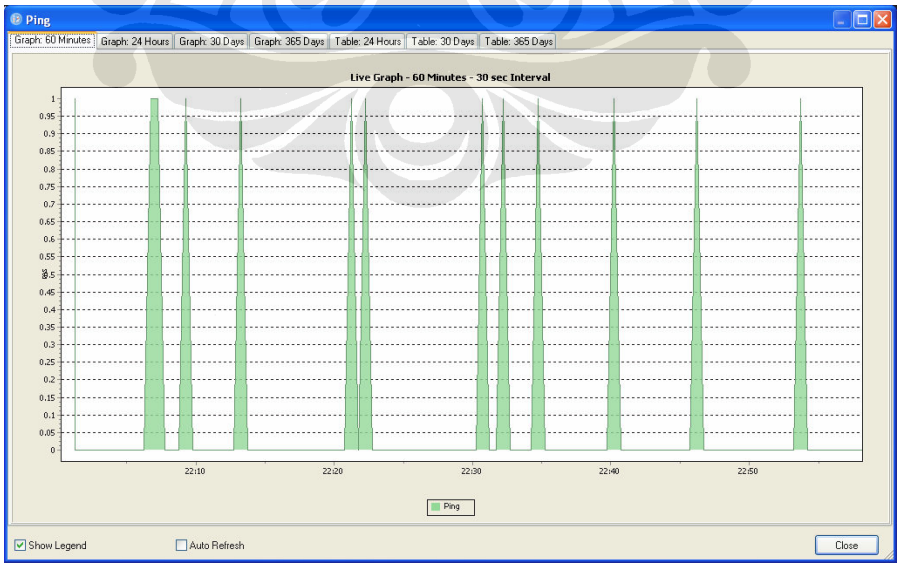


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh router* C pada pengujian kedua.

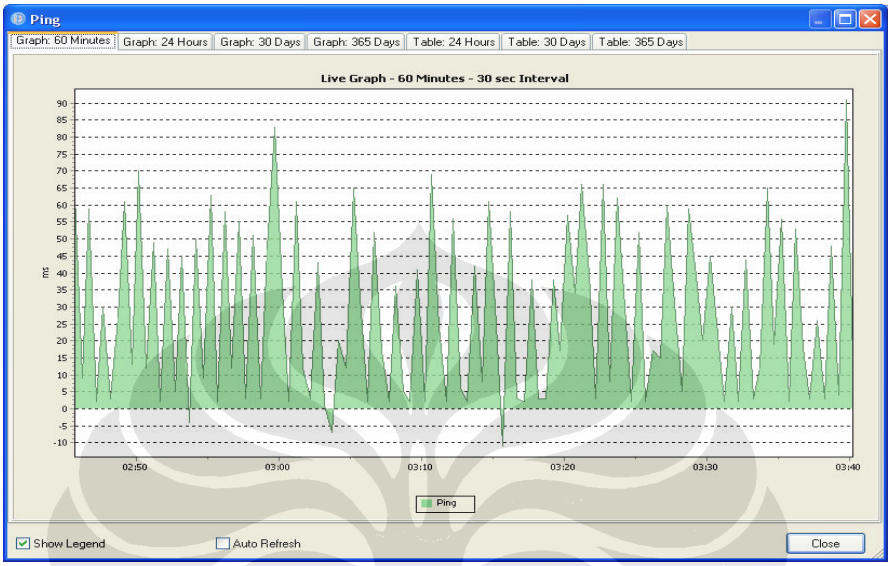


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* E pada pengujian kedua.

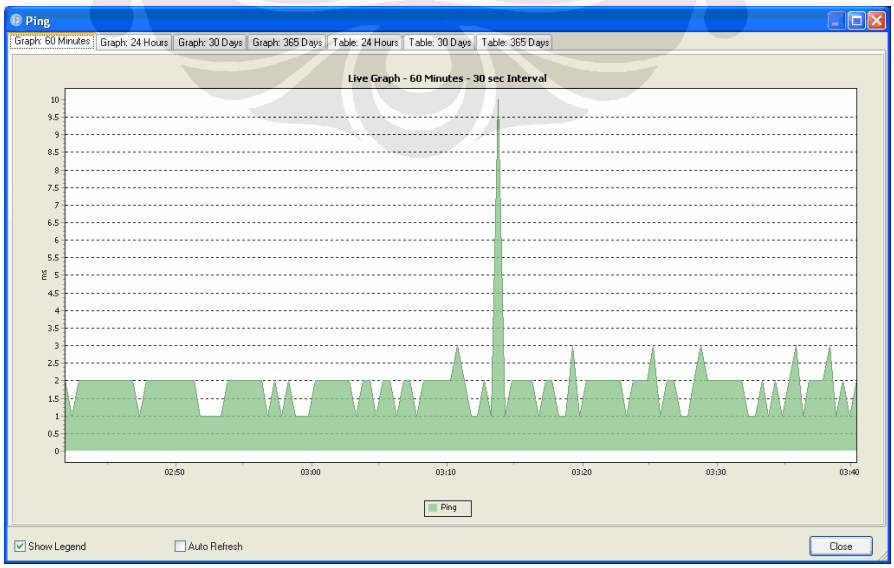


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* A pada pengujian ketiga.

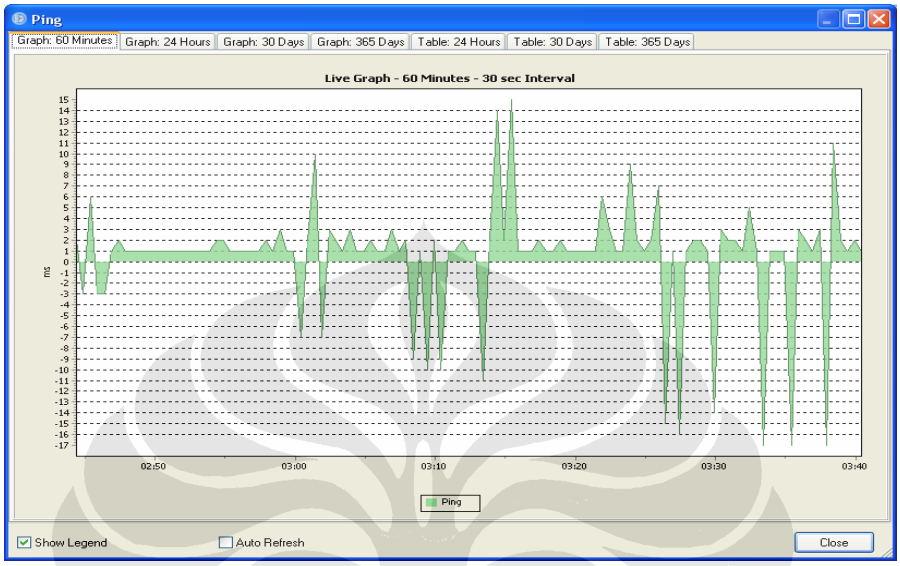


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* B pada pengujian ketiga.

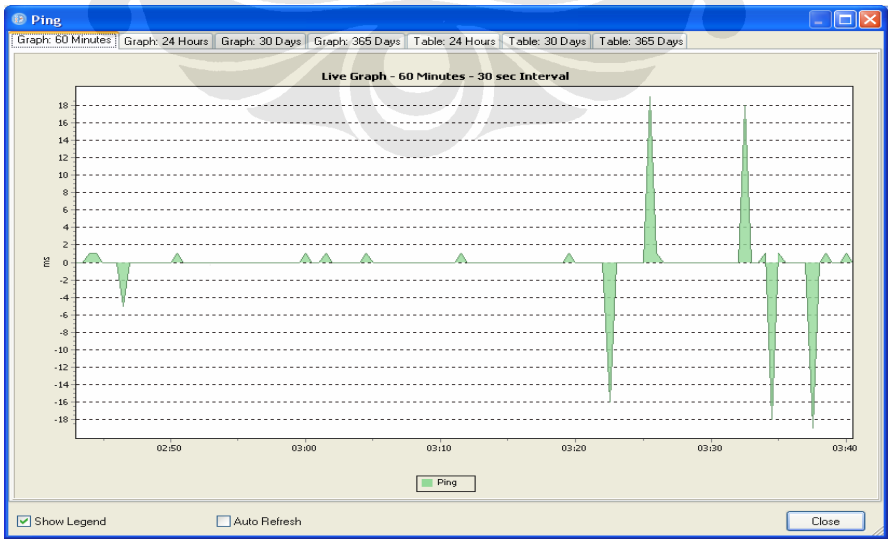


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh router* C pada pengujian ketiga.

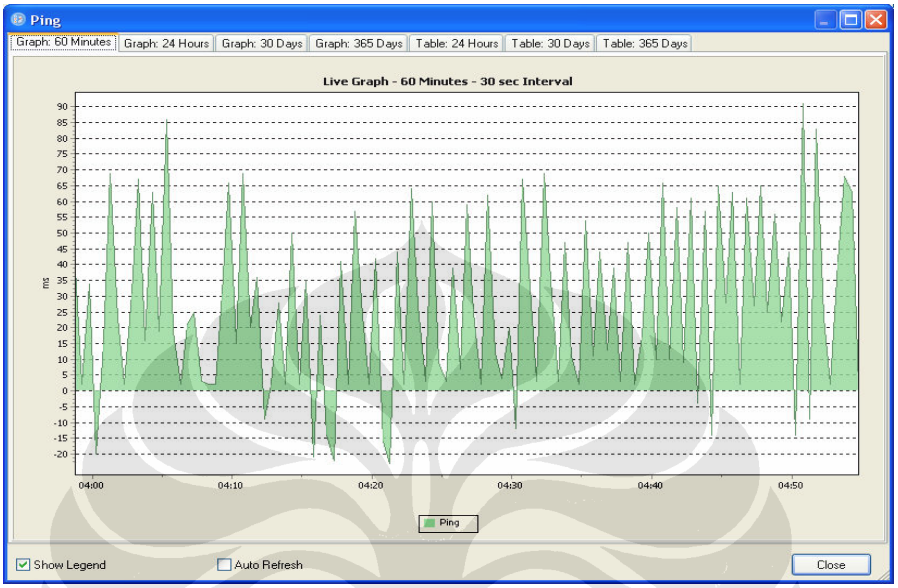


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* E pada pengujian ketiga.

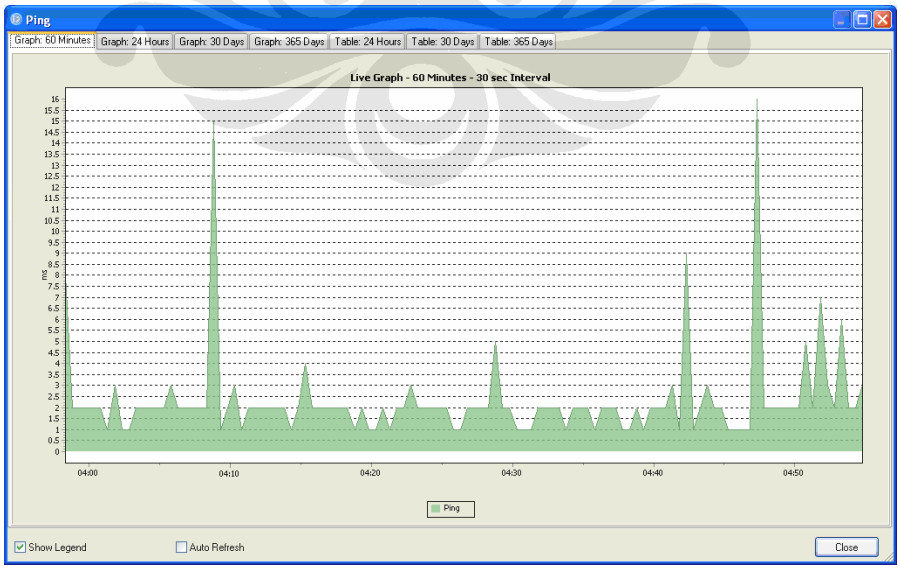


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* A pada pengujian keempat.

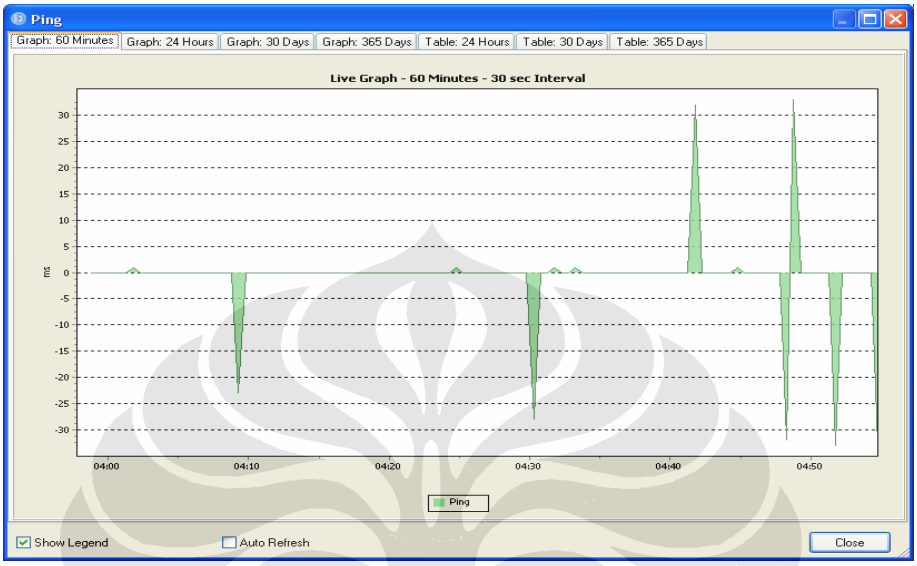


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* B pada pengujian keempat.

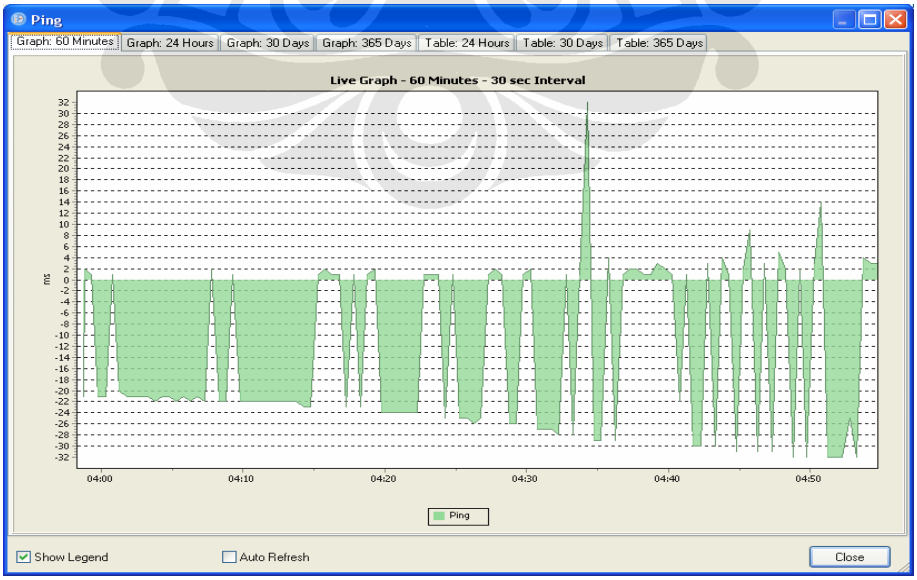


(lanjutan)

Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh router* C pada pengujian keempat.

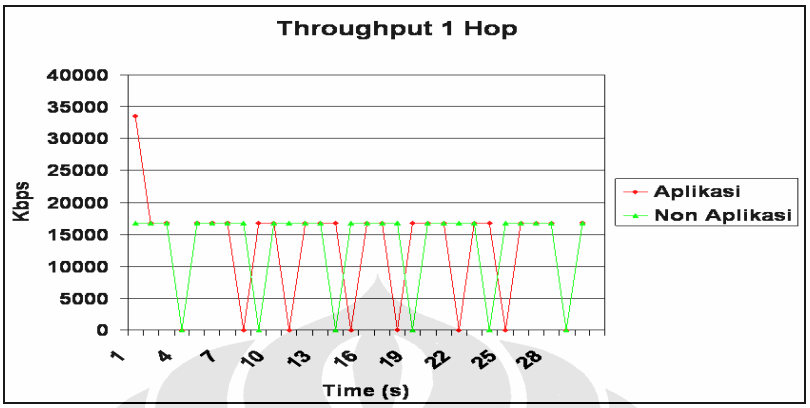


Grafik pembacaan PRTG untuk pengamatan *latency* pada *mesh client* E pada pengujian keempat.

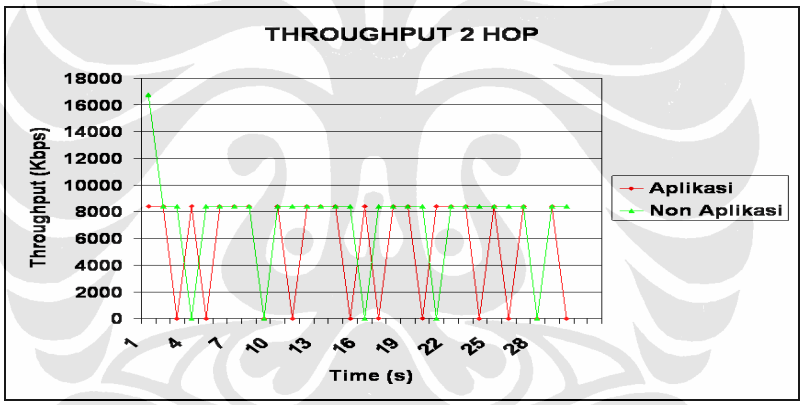


LAMPIRAN 5: Grafik Hasil Pengujian *Throughput* Pada Sistem *Multihop*.

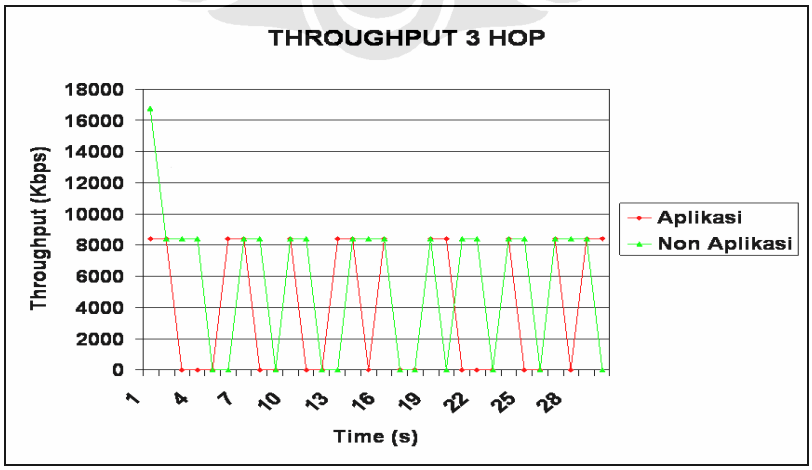
Grafik throughput hasil pengujian 1 *hop*.



Grafik *throughput* hasil pengujian 2 *hop*.

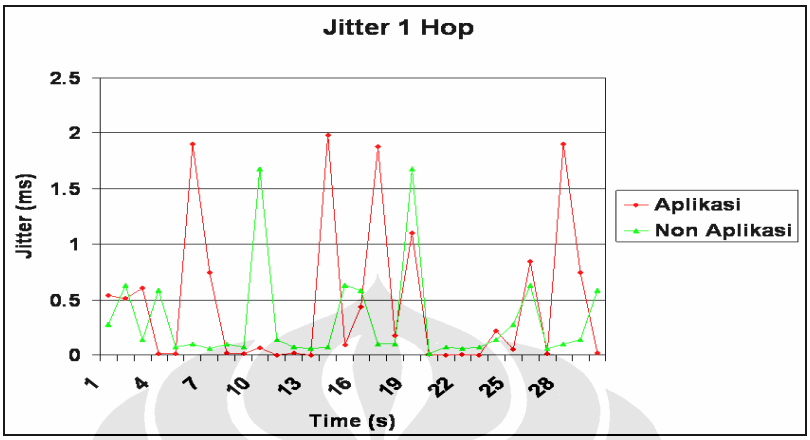


Grafik *throughput* hasil pengujian 3 *hop*.

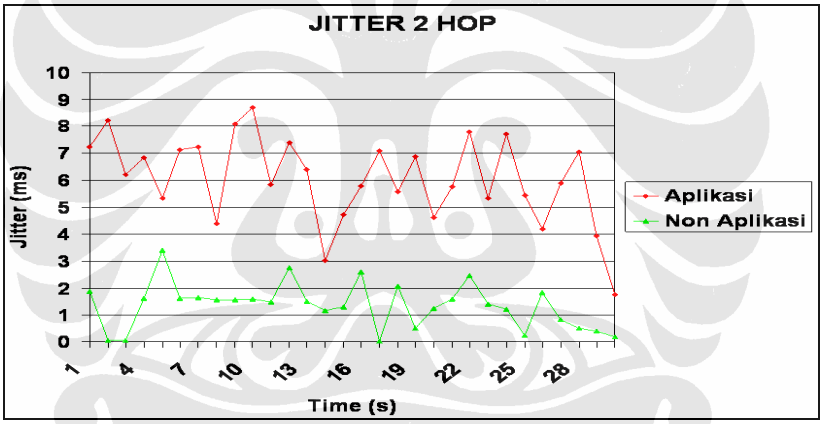


LAMPIRAN 6: Grafik Hasil Pengujian *Jitter* Pada Sistem *Multihop*.

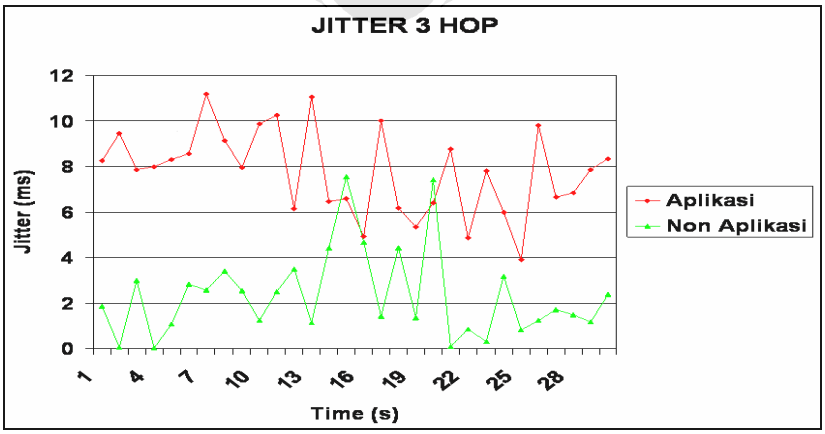
Grafik *Jitter* hasil pengujian 1 *hop*.



Grafik *Jitter* hasil pengujian 2 *hop*.



Grafik *Jitter* hasil pengujian 3 *hop*.



LAMPIRAN 7**:** Tabel Data Hasil Pengujian Pemakaian *Bandwidth*.

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian 1.

	Port 262148 (Atheros AR5005G Wireless Network Adapter - Packet Scheduler Miniport) on mesh client A (192.168.7.100)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/08/2008 8:40 PM - 8:45 PM	1,623.01	365.167	6,245.28	1,405.15	7,868.30	1,770.31	12
12/08/2008 8:35 PM - 8:40 PM	12,653.34	345.578	49,543.07	1,353.08	62,196.40	1,698.66	100
12/08/2008 8:30 PM - 8:35 PM	12,825.29	350.263	43,750.68	1,194.85	56,575.97	1,545.11	100
12/08/2008 8:25 PM - 8:30 PM	10,906.28	297.884	37,566.87	1,026.07	48,473.15	1,323.95	100
12/08/2008 8:20 PM - 8:25 PM	13,078.71	357.184	41,084.99	1,122.04	54,163.70	1,479.23	100
12/08/2008 8:15 PM - 8:20 PM	6,540.92	178.652	22,262.07	608.045	28,802.98	786.697	100
12/08/2008 8:10 PM - 8:15 PM	764.232	20.873	274.225	7.49	1,038.46	28.362	100
12/08/2008 8:05 PM - 8:10 PM	767.758	20.968	273.527	7.47	1,041.29	28.439	100
12/08/2008 8:00 PM - 8:05 PM	603.533	16.483	237.439	6.485	840.973	22.968	100
12/08/2008 7:55 PM - 8:00 PM	103.538	2.828	123.024	3.36	226.563	6.188	100
12/08/2008 7:50 PM - 7:55 PM	103.066	2.815	120.785	3.299	223.852	6.114	100
12/08/2008 7:45 PM - 7:50 PM	92.383	2.729	107.238	3.167	199.621	5.896	92
Total	60,062.05		201,589.20		261,651.25		
Average	5,314.24	163.452	17,762.40	561.708	11,538.32	725.16	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* B pada pengujian 1.

	Port 3 (eth1) on mesh router B (192.168.7.20)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/08/2008 8:35 PM - 8:40 PM	176.977	4.851	161.721	4.433	338.697	9.284	100
12/08/2008 8:30 PM - 8:35 PM	158.01	4.316	142.627	3.895	300.637	8.211	100
12/08/2008 8:25 PM - 8:30 PM	161.27	4.405	145.956	3.986	307.226	8.391	100
12/08/2008 8:20 PM - 8:25 PM	158.415	4.327	143.291	3.913	301.706	8.24	100
12/08/2008 8:15 PM - 8:20 PM	163.157	4.456	147.87	4.039	311.027	8.495	100
12/08/2008 8:10 PM - 8:15 PM	161.879	4.421	147.052	4.016	308.931	8.438	100
12/08/2008 8:05 PM - 8:10 PM	175.213	4.785	160.309	4.378	335.521	9.164	100
12/08/2008 8:00 PM - 8:05 PM	167.559	4.576	152.035	4.152	319.594	8.728	100
12/08/2008 7:55 PM - 8:00 PM	162.256	4.432	147.153	4.019	309.409	8.451	100
12/08/2008 7:50 PM - 7:55 PM	155.867	4.257	140.895	3.848	296.762	8.105	100
12/08/2008 7:45 PM - 7:50 PM	164.213	4.485	148.721	4.062	312.934	8.547	100
12/08/2008 7:40 PM - 7:45 PM	46.871	5.484	43.369	5.074	90.24	10.558	23
Total	1,851.69		1,681.00		3,532.68		
Average	164.164	4.566	148.957	4.151	156.561	8.718	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian 1.

	Port 3 (eth1) on mesh router C (192.168.7.10)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/08/2008 8:35 PM - 8:40 PM	12,727.74	347.622	12,817.75	350.08	25,545.49	697.702	100
12/08/2008 8:30 PM - 8:35 PM	12,897.84	352.279	12,984.78	354.654	25,882.62	706.933	100
12/08/2008 8:25 PM - 8:30 PM	10,803.29	295.061	10,877.80	297.096	21,681.09	592.157	100
12/08/2008 8:20 PM - 8:25 PM	13,212.63	360.841	13,302.06	363.283	26,514.69	724.124	100
12/08/2008 8:15 PM - 8:20 PM	6,594.80	180.124	6,615.73	180.696	13,210.53	360.82	100
12/08/2008 8:10 PM - 8:15 PM	806.867	22.037	779.341	21.285	1,586.21	43.321	100
12/08/2008 8:05 PM - 8:10 PM	808.68	22.087	781.305	21.339	1,589.98	43.426	100
12/08/2008 8:00 PM - 8:05 PM	639.157	17.456	607.265	16.585	1,246.42	34.041	100
12/08/2008 7:55 PM - 8:00 PM	145.349	3.97	102.758	2.806	248.106	6.776	100
12/08/2008 7:50 PM - 7:55 PM	144.676	3.951	100.387	2.742	245.063	6.693	100
12/08/2008 7:45 PM - 7:50 PM	143.932	3.931	100.24	2.738	244.172	6.669	100
12/08/2008 7:40 PM - 7:45 PM	32.17	4.136	22.598	2.905	54.768	7.041	21
Total	58,957.14		59,092.01		118,049.15		
Average	5,357.86	134.458	5,371.00	134.684	5,364.43	269.142	4

(lanjutan)

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian 1.

	Port 196611 (Intel(R) PRO/Wireless 3945ABG Network Connection - Packet Scheduler Miniport) on mesh client E (192.168.7.50)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/08/2008 8:35 PM - 8:40 PM	49,283.63	1,346.09	12,686.90	346.518	61,970.52	1,692.60	100
12/08/2008 8:30 PM - 8:35 PM	43,736.16	1,194.53	12,722.76	347.486	56,458.91	1,542.01	100
12/-8/2008 8:25 PM - 8:30 PM	36,994.00	1,010.39	10,801.74	295.019	47,795.75	1,305.40	100
12/08/2008 8:20 PM - 8:25 PM	41,752.02	1,140.34	13,301.63	363.296	55,053.65	1,503.63	100
12/08/2008 8:15 PM - 8:20 PM	21,196.27	578.935	6,166.16	168.417	27,362.43	747.351	100
12/08/2008 8:10 PM - 8:15 PM	287.084	7.84	751.221	20.516	1,038.31	28.356	100
12/08/2008 8:05 PM - 8:10 PM	288.006	7.866	775.45	21.179	1,063.46	29.045	100
12/08/2008 8:00 PM - 8:05 PM	245.204	6.697	565.438	15.442	810.642	22.139	100
12/08/2008 7:55 PM - 8:00 PM	136.017	3.715	96.508	2.636	232.524	6.351	100
12/08/2008 7:50 PM - 7:55 PM	135.166	3.692	95.791	2.616	230.957	6.308	100
12/08/2008 7:45 PM - 7:50 PM	134.658	3.678	97.498	2.663	232.156	6.341	100
12/08/2008 7:40 PM - 7:45 PM	51.104	4.019	37.802	2.973	88.905	6.992	35
Total	194,239.31		58,098.89		252,338.21		
Average	17,657.22	442.315	5,279.39	132.397	11,468.30	574.711	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian 2.

	Port 262148 (Atheros AR5005G Wireless Network Adapter - Packet Scheduler Miniport) on mesh client A (192.168.7.100)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/09/2008 10:55 PM - 11:00 PM	12,309.762	483.259	27,551.106	1,081.606	39,860.868	1,564.864	70
12/09/2008 10:50 PM - 10:55 PM	95.205	2.600	70.533	1.926	165.738	4.527	100
12/09/2008 10:45 PM - 10:50 PM	14,416.549	393.747	36,542.148	998.044	50,958.697	1,391.791	100
12/09/2008 10:40 PM - 10:45 PM	19,555.662	534.071	55,988.119	1,529.053	75,543.781	2,063.124	100
12/09/2008 10:35 PM - 10:40 PM	14,683.853	401.034	34,307.323	936.975	48,991.176	1,338.009	100
12/09/2008 10:30 PM - 10:25 PM	1,160.375	31.692	339.124	9.262	1,499.499	40.955	100
12/09/2008 10:25 PM - 10:20 PM	1,230.406	33.606	367.808	10.046	1,598.214	43.652	100
12/09/2008 10:20 PM - 10:25 PM	1,155.504	31.560	340.923	9.312	1,496.427	40.872	100
12/09/2008 10:15 PM - 10:20 PM	787.661	21.513	264.404	7.221	1,052.065	28.734	100
12/09/2008 10:10 PM - 10:15 PM	100.909	2.756	108.406	2.961	209.315	5.717	100
12/09/2008 10:05 PM - 10:10 PM	100.581	2.747	109.751	2.998	210.332	5.745	100
12/09/2008 10:00 PM - 10:05 PM	107.474	2.935	115.659	3.159	223.133	6.094	100
12/09/2008 09:55 PM - 10:00 PM	15.585	3.204	16.454	3.382	32.039	6.586	13
Total	65,719.526		156,121.76		221,841.28		
Average	5,055.348	149.594	12,009.37	353.534	17,064.71	503.128	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* B pada pengujian 2.

	Port 3 (eth1) on mesh router B (192.168.7.20)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/09/2008 10:50 PM - 10:55 PM	156.876	4.293	141.22	3.864	298.096	8.157	100
12/09/2008 10:45 PM - 10:50 PM	172.766	4.719	157.118	4.291	329.884	9.01	100
12/09/2008 10:40 PM - 10:45 PM	160.272	4.377	144.651	3.951	304.924	8.328	100
12/09/2008 10:35 PM - 10:40 PM	168.729	4.608	153.363	4.189	322.092	8.797	100
12/09/2008 10:30 PM - 10:25 PM	170.065	4.644	154.412	4.217	324.478	8.861	100
12/09/2008 10:25 PM - 10:20 PM	177.574	4.85	161.909	4.422	339.483	9.272	100
12/09/2008 10:20 PM - 10:25 PM	158.674	4.334	143.285	3.914	301.959	8.247	100
12/09/2008 10:15 PM - 10:20 PM	176.187	4.812	160.286	4.378	336.473	9.189	100
12/09/2008 10:10 PM - 10:15 PM	172.292	4.706	156.718	4.28	329.01	8.986	100
12/09/2008 10:05 PM - 10:10 PM	204.348	5.581	188.985	5.161	393.333	10.742	100
12/09/2008 10:00 PM - 10:05 PM	175.386	4.79	159.542	4.358	334.928	9.148	100
12/09/2008 09:55 PM - 10:00 PM	11.193	4.092	10.037	3.669	21.23	7.761	7
Total	1,904.36		1,731.53		3,635.89		
Average	172.166	4.65	156.553	4.224	164.359	8.875	4

(lanjutan)

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian 2.

	Port 3 (eth1) on mesh router C (192.168.7.10)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/09/2008 10:55 PM - 11:00 PM	28,193.574	1,110.927	28,303.521	1,115.259	56,497.096	2,226.187	69
12/09/2008 10:50 PM - 10:55 PM	112.226	3.065	76.515	2.090	188.740	5.155	100
12/09/2008 10:45 PM - 10:50 PM	35,703.366	975.135	35,837.592	978.801	71,540.958	1,953.936	100
12/09/2008 10:40 PM - 10:45 PM	56,085.396	1,531.658	56,319.835	1,538.061	112,405.230	3,069.719	100
12/09/2008 10:35 PM - 10:40 PM	35,163.574	960.360	35,296.993	964.004	70,460.567	1,924.364	100
12/09/2008 10:30 PM - 10:25 PM	377.859	10.320	354.784	9.690	732.644	20.011	100
12/09/2008 10:25 PM - 10:20 PM	409.438	11.182	386.204	10.548	795.642	21.730	100
12/09/2008 10:20 PM - 10:25 PM	380.241	10.385	356.320	9.732	736.562	20.117	100
12/09/2008 10:15 PM - 10:20 PM	308.849	8.435	281.396	7.686	590.245	16.121	100
12/09/2008 10:10 PM - 10:15 PM	148.923	4.067	116.592	3.184	265.515	7.252	100
12/09/2008 10:05 PM - 10:10 PM	149.774	4.091	117.725	3.215	267.499	7.306	100
12/09/2008 10:00 PM - 10:05 PM	151.766	4.208	119.699	3.319	271.465	7.527	98
Total	157,184.99		157,567.18		314,752.16		
Average	13,098.75	386.153	13,130.60	387.132	26,229.35	773.285	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian 2.

	Port 196611 (Intel(R) PRO/Wireless 3945ABG Network Connection - Packet Scheduler Miniport) on mesh client E (192.168.7.50)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/09/2008 10:55 PM - 11:00 PM	26,998.360	1,061.993	12,079.921	475.169	39,078.281	1,537.162	69
12/09/2008 10:50 PM - 10:55 PM	66.106	2.257	57.964	1.979	124.070	4.237	80
12/09/2008 10:45 PM - 10:50 PM	36,998.687	1,010.513	14,582.147	398.269	51,580.834	1,408.782	100
12/09/2008 10:40 PM - 10:45 PM	55,992.687	1,529.279	19,534.328	533.524	75,527.015	2,062.804	100
12/09/2008 10:35 PM - 10:40 PM	33,698.598	920.319	14,503.314	396.090	48,201.912	1,316.409	100
12/09/2008 10:30 PM - 10:25 PM	349.270	9.540	1,143.772	31.240	1,493.042	40.780	100
12/09/2008 10:25 PM - 10:20 PM	377.709	10.316	1,213.134	33.134	1,590.843	43.451	100
12/09/2008 10:20 PM - 10:25 PM	351.661	9.604	1,140.204	31.140	1,491.865	40.745	100
12/09/2008 10:15 PM - 10:20 PM	272.448	7.441	760.735	20.777	1,033.184	28.218	100
12/09/2008 10:10 PM - 10:15 PM	119.932	3.276	84.510	2.308	204.441	5.584	100
12/09/2008 10:05 PM - 10:10 PM	94.758	3.228	67.061	2.285	161.818	5.513	80
12/09/2008 10:00 PM - 10:05 PM	106.680	3.399	76.747	2.446	183.427	5.845	86
Total	155,426.90		65,243.84		220,670.73		
Average	12,952.24	380.930	5,436.99	160.697	18,389.23	541.628	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian 3.

	Port 196610 (Atheros AR5005G Wireless Network Adapter - Packet Scheduler Miniport) on mesh client A (192.168.7.100)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/10/2008 3:35 AM - 3:40 AM	14,355.95	392.079	27,998.50	764.673	42,354.46	1,156.75	100
12/10/2008 3:30 AM - 3:35 AM	10,189.22	278.271	27,767.99	758.352	37,957.21	1,036.62	100
12/10/2008 3:25 AM - 3:30 AM	17,821.40	486.724	39,140.93	1,068.99	56,962.32	1,555.71	100
12/10/2008 3:20 AM - 3:25 AM	16,488.46	450.32	27,926.90	762.718	44,415.36	1,213.04	100
12/10/2008 3:15 AM - 3:20 AM	796.37	21.75	189.793	5.183	986.163	26.933	100
12/10/2008 3:10 AM - 3:15 AM	789.757	21.569	183.125	5.001	972.882	26.571	100
12/10/2008 3:05 AM - 3:10 AM	775.225	21.172	172.488	4.711	947.713	25.882	100
12/10/2008 3:00 AM - 3:05 AM	698.328	19.072	167.96	4.587	866.288	23.659	100
12/10/2008 2:55 AM - 3:00 AM	93.702	2.559	104.809	2.863	198.511	5.422	100
12/10/2008 2:50 AM - 2:55 AM	94.569	2.583	103.848	2.836	198.417	5.419	100
12/10/2008 2:45 AM - 2:50 AM	94.969	2.594	104.16	2.845	199.129	5.438	100
12/10/2008 2:40 AM - 2:45 AM	53.788	2.93	59.23	3.226	113.019	6.156	50
Total	62,251.74		123,919.73		186,171.47		
Average	5,655.27	141.802	11,261.84	282.165	8,458.55	423.967	4

(lanjutan)

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian 3.

	Port 3 (eth1) on mesh router B (192.168.7.20)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/10/2008 3:35 AM - 3:40 AM	149.247	4.076	133.833	3.655	283.08	7.731	100
12/10/2008 3:30 AM - 3:35 AM	108.982	2.977	93.276	2.548	202.259	5.524	100
12/10/2008 3:25 AM - 3:30 AM	107.993	2.949	92.568	2.528	200.562	5.477	100
12/10/2008 3:20 AM - 3:25 AM	123.266	3.367	107.715	2.942	230.98	6.308	100
12/10/2008 3:15 AM - 3:20 AM	168.274	4.596	152.521	4.166	320.796	8.762	100
12/10/2008 3:10 AM - 3:15 AM	148.307	4.05	132.799	3.627	281.105	7.677	100
12/10/2008 3:05 AM - 3:10 AM	123.798	3.381	108.154	2.954	231.952	6.335	100
12/10/2008 3:00 AM - 3:05 AM	155.452	4.246	139.817	3.819	295.27	8.064	100
12/10/2008 2:55 AM - 3:00 AM	158.661	4.333	142.938	3.904	301.599	8.237	100
12/10/2008 2:50 AM - 2:55 AM	143.789	3.927	128.122	3.499	271.911	7.426	100
12/10/2008 2:45 AM - 2:50 AM	128.023	3.497	112.593	3.075	240.616	6.572	100
12/10/2008 2:40 AM - 2:45 AM	172.268	5.064	157.552	4.631	329.819	9.695	93
Total	1,688.06		1,501.89		3,189.95		
Average	141.792	3.872	126.181	3.446	133.986	7.317	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian 3.

	Port 3 (eth1) on mesh router C (192.168.7.10)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/10/2008 3:40 AM - 3:45 AM	9,400.46	1,728.59	9,444.19	1,736.63	18,844.65	3,465.22	15
12/10/2008 3:35 AM - 3:40 AM	43,907.88	1,199.26	44,083.95	1,204.07	87,991.83	2,403.32	100
12/10/2008 3:30 AM - 3:35 AM	36,926.03	1,008.53	37,048.14	1,011.86	73,974.17	2,020.39	100
12/10/2008 3:25 AM - 3:30 AM	56,861.75	1,553.12	57,126.94	1,560.36	113,988.69	3,113.48	100
12/10/2008 3:20 AM - 3:25 AM	45,868.33	1,252.80	46,087.48	1,258.79	91,955.81	2,511.59	100
12/10/2008 3:15 AM - 3:20 AM	1,035.43	28.279	1,029.94	28.129	2,065.37	56.408	100
12/10/2008 3:10 AM - 3:15 AM	1,034.75	28.26	1,028.56	28.091	2,063.31	56.352	100
12/10/2008 3:05 AM - 3:10 AM	1,017.80	27.798	1,010.13	27.589	2,027.93	55.387	100
12/10/2008 3:00 AM - 3:05 AM	956.917	26.135	949.601	25.935	1,906.52	52.069	100
12/10/2008 2:55 AM - 3:00 AM	277.856	7.589	251.266	6.862	529.122	14.451	100
12/10/2008 2:50 AM - 2:55 AM	282.886	7.727	256.381	7.003	539.267	14.73	100
12/10/2008 2:45 AM - 2:50 AM	319.555	8.727	293.792	8.024	613.347	16.751	100
12/10/2008 2:40 AM - 2:45 AM	186.67	8.542	171.153	7.832	357.823	16.374	60
Total	198,076.31		198,781.52		396,857.82		
Average	17,139.42	529.642	17,200.98	531.629	17,170.20	1,061.27	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian 3.

	Port 196610 (Atheros AR5007EG Wireless Network Adapter - Packet Scheduler Miniport) on mesh client E (192.168.7.50)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/10/2008 3:35 AM - 3:40 AM	28,109.13	767.694	14,317.34	391.024	42,426.47	1,158.72	100
12/10/2008 3:30 AM - 3:35 AM	28,382.27	775.206	10,327.93	282.087	38,710.20	1,057.29	100
12/10/2008 3:25 AM - 3:30 AM	39,038.14	1,066.22	18,045.95	492.873	57,084.09	1,559.09	100
12/10/2008 3:20 AM - 3:25 AM	27,804.54	759.427	16,466.75	449.757	44,271.29	1,209.18	100
12/10/2008 3:15 AM - 3:20 AM	272.081	7.431	843.021	23.024	1,115.10	30.455	100
12/10/2008 3:10 AM - 3:15 AM	284.183	7.761	855.041	23.352	1,139.22	31.114	100
12/10/2008 3:05 AM - 3:10 AM	278.087	7.595	848.163	23.164	1,126.25	30.759	100
12/10/2008 3:00 AM - 3:05 AM	280.35	7.657	775.742	21.186	1,056.09	28.843	100
12/10/2008 2:55 AM - 3:00 AM	218.059	5.955	177.721	4.854	395.779	10.809	100
12/10/2008 2:50 AM - 2:55 AM	223.038	6.092	183.372	5.008	406.41	11.1	100
12/10/2008 2:45 AM - 2:50 AM	259.117	7.077	218.938	5.979	478.056	13.056	100
12/10/2008 2:40 AM - 2:45 AM	176.124	6.92	146.491	5.756	322.615	12.676	70
Total	125,325.11		63,206.47		188,531.57		
Average	11,379.54	285.419	5,733.90	144.005	8,556.72	429.425	4

(lanjutan)

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* A pada pengujian 4.

	Port 196610 (Atheros AR5005G Wireless Network Adapter - Packet Scheduler Miniport) on mesh client A (192.168.7.100)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/11/2008 4:50 AM - 4:55 AM	20,552.87	561.324	37,458.22	1,023.03	58,011.08	1,584.35	100
12/11/2008 4:45 AM - 4:50 AM	20,514.07	560.246	37,911.25	1,035.37	58,425.32	1,595.61	100
12/11/2008 4:40 AM - 4:45 AM	18,966.88	518.009	37,866.06	1,034.17	56,832.95	1,552.18	100
12/11/2008 4:35 AM - 4:40 AM	13,370.55	365.166	24,376.35	665.748	37,746.90	1,030.91	100
12/11/2008 4:30 AM - 4:35 AM	779.942	21.301	176.514	4.821	956.456	26.122	100
12/11/2008 4:25 AM - 4:30 AM	777.38	21.23	174.251	4.759	951.631	25.989	100
12/11/2008 4:20 AM - 4:25 AM	770.959	21.055	173.408	4.736	944.367	25.791	100
12/11/2008 4:15 AM - 4:20 AM	686.131	18.738	164.153	4.483	850.284	23.222	100
12/11/2008 4:10 AM - 4:15 AM	100.164	2.736	112.851	3.082	213.015	5.818	100
12/11/2008 4:05 AM - 4:10 AM	100.758	2.752	114.884	3.138	215.642	5.889	100
12/11/2008 4:00 AM - 4:05 AM	101.44	2.77	114.938	3.139	216.379	5.909	100
12/11/2008 3:55 AM - 4:00 AM	44.006	2.768	48.31	3.039	92.315	5.807	43
Total	76,765.15		138,691.19		215,456.34		
Average	6,975.74	174.841	12,605.88	315.792	9,790.81	490.634	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* B pada pengujian 4.

	Port 3 (eth1) on mesh router B (192.168.7.20)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/11/2008 4:50 AM - 4:55 AM	118.194	4.022	106.207	3.614	224.401	7.636	80
12/11/2008 4:45 AM - 4:50 AM	163.37	4.462	147.932	4.04	311.302	8.502	100
12/11/2008 4:40 AM - 4:45 AM	160.461	4.382	145.431	3.972	305.892	8.354	100
12/11/2008 4:35 AM - 4:40 AM	158.818	4.338	143.777	3.927	302.596	8.264	100
12/11/2008 4:30 AM - 4:35 AM	148.538	4.057	132.986	3.632	281.524	7.689	100
12/11/2008 4:25 AM - 4:30 AM	126.519	4.324	114.348	3.908	240.866	8.232	80
12/11/2008 4:20 AM - 4:25 AM	149.104	4.072	133.8	3.654	282.904	7.726	100
12/11/2008 4:15 AM - 4:20 AM	154.246	4.213	138.997	3.796	293.243	8.009	100
12/11/2008 4:10 AM - 4:15 AM	148.442	4.054	133.145	3.636	281.587	7.69	100
12/11/2008 4:05 AM - 4:10 AM	153.227	4.185	138.115	3.772	291.342	7.956	100
12/11/2008 4:00 AM - 4:05 AM	125.266	3.421	109.846	3	235.111	6.421	100
12/11/2008 3:55 AM - 4:00 AM	166.71	4.819	152.299	4.402	319.009	9.221	94
Total	1,772.90		1,596.88		3,369.78		
Average	153.65	4.196	138.409	3.779	146.03	7.975	4

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh router* C pada pengujian 4.

	Port 3 (eth1) on mesh router C (192.168.7.10)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/11/2008 4:50 AM - 4:55 AM	56,953.27	1,555.57	57,168.04	1,561.43	114,121.31	3,117.00	100
12/11/2008 4:45 AM - 4:50 AM	58,570.51	1,599.63	58,815.19	1,606.31	117,385.69	3,205.95	100
12/11/2008 4:40 AM - 4:45 AM	56,897.04	1,554.03	57,125.18	1,560.26	114,022.22	3,114.29	100
12/11/2008 4:35 AM - 4:40 AM	37,950.40	1,036.51	38,096.05	1,040.48	76,046.45	2,076.99	100
12/11/2008 4:30 AM - 4:35 AM	1,027.81	28.072	1,021.27	27.893	2,049.08	55.965	100
12/11/2008 4:25 AM - 4:30 AM	1,047.19	28.6	1,040.93	28.429	2,088.12	57.029	100
12/11/2008 4:20 AM - 4:25 AM	1,030.92	28.156	1,024.34	27.976	2,055.26	56.132	100
12/11/2008 4:15 AM - 4:20 AM	928.394	25.356	918.748	25.093	1,847.14	50.449	100
12/11/2008 4:10 AM - 4:15 AM	368.986	10.077	343.999	9.395	712.985	19.472	100
12/11/2008 4:05 AM - 4:10 AM	350.039	9.56	324.283	8.857	674.322	18.417	100
12/11/2008 4:00 AM - 4:05 AM	417.851	11.413	393.917	10.759	811.768	22.172	100
12/11/2008 3:55 AM - 4:00 AM	234.526	12.03	221.24	11.348	455.767	23.378	53
Total	215,776.93		216,493.18		432,270.11		
Average	19,598.84	491.583	19,665.18	493.187	19,632.01	984.77	4

(lanjutan)

Tabel pembacaan PRTG untuk pemakaian *bandwidth* pada *mesh client* E pada pengujian 4.

	Port 196610 (Atheros AR5007EG Wireless Network Adapter - Packet Scheduler Miniport) on mesh client E (192.168.7.50)						
	Bandwidth Traffic IN		Bandwidth Traffic OUT		Sum		Coverage
	kbyte	kbit/second	kbyte	kbit/second	kbyte	kbit/second	%
12/11/2008 4:50 AM - 4:55 AM	37,591.66	1,026.78	20,707.97	565.616	58,299.63	1,592.39	100
12/11/2008 4:45 AM - 4:50 AM	38,086.71	1,040.23	20,686.45	564.991	58,773.16	1,605.22	100
12/11/2008 4:40 AM - 4:45 AM	37,967.30	1,036.97	19,083.72	521.217	57,051.02	1,558.19	100
12/11/2008 4:35 AM - 4:40 AM	24,544.07	670.351	13,517.92	369.203	38,061.98	1,039.55	100
12/11/2008 4:30 AM - 4:35 AM	284.689	7.775	855.367	23.361	1,140.06	31.136	100
12/11/2008 4:25 AM - 4:30 AM	305.979	8.357	876.523	23.939	1,182.50	32.296	100
12/11/2008 4:20 AM - 4:25 AM	297.587	8.127	862.973	23.568	1,160.56	31.695	100
12/11/2008 4:15 AM - 4:20 AM	277.321	7.574	766.739	20.941	1,044.06	28.515	100
12/11/2008 4:10 AM - 4:15 AM	304.132	8.306	260.427	7.113	564.559	15.419	100
12/11/2008 4:05 AM - 4:10 AM	284.142	7.76	239.203	6.533	523.345	14.293	100
12/11/2008 4:00 AM - 4:05 AM	351.934	9.612	307.041	8.386	658.975	17.998	100
12/11/2008 3:55 AM - 4:00 AM	227.501	9.797	200.429	8.631	427.93	18.427	63
Total	140,523.02		78,364.76		218,887.78		
Average	12,756.91	320.136	7,107.38	178.625	9,932.15	498.761	4

LAMPIRAN 8**:** Tabel Data Hasil Pengujian *Latency*.

Tabel pembacaan PRTG untuk *latency* pada pengujian 1.

LATENCY							
Mesh Client A (192.168.7.100)		Mesh Router B (192.168.7.20)		Mesh Router C (192.168.7.10)		Mesh Client E (192.168.7.50)	
Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)
12/08/2008 8:35 PM - 8:40 PM	3.8	12/08/2008 8:35 PM - 8:40 PM	2	12/08/2008 8:40 PM - 8:45 PM	2	12/08/2008 8:35 PM - 8:40 PM	0.2
12/08/2008 8:30 PM - 8:35 PM	9.5	12/08/2008 8:30 PM - 8:35 PM	3.3	12/08/2008 8:35 PM - 8:40 PM	1.5	12/08/2008 8:30 PM - 8:35 PM	0.2
12/08/2008 8:25 PM - 8:30 PM	8.4	12/08/2008 8:25 PM - 8:30 PM	1.5	12/08/2008 8:30 PM - 8:35 PM	3.1	12/08/2008 8:25 PM - 8:30 PM	0.3
12/08/2008 8:20 PM - 8:25 PM	2.6	12/08/2008 8:20 PM - 8:25 PM	3.1	12/08/2008 8:25 PM - 8:30 PM	2.1	12/08/2008 8:20 PM - 8:25 PM	0.1
12/08/2008 8:15 PM - 8:20 PM	2.7	12/08/2008 8:15 PM - 8:20 PM	1.6	12/08/2008 8:20 PM - 8:25 PM	1.9	12/08/2008 8:15 PM - 8:20 PM	0.2
12/08/2008 8:10 PM - 8:15 PM	1.7	12/08/2008 8:10 PM - 8:15 PM	1.5	12/08/2008 8:15 PM - 8:20 PM	2.2	12/08/2008 8:10 PM - 8:15 PM	0.1
12/08/2008 8:05 PM - 8:10 PM	1.5	12/08/2008 8:05 PM - 8:10 PM	2	12/08/2008 8:10 PM - 8:15 PM	1.5	12/08/2008 8:05 PM - 8:10 PM	0.1
12/08/2008 8:00 PM - 8:05 PM	1.6	12/08/2008 8:00 PM - 8:05 PM	2	12/08/2008 8:05 PM - 8:10 PM	1.4	12/08/2008 8:00 PM - 8:05 PM	0.1
12/08/2008 7:55 PM - 8:00 PM	8.2	12/08/2008 7:55 PM - 8:00 PM	1.8	12/08/2008 8:00 PM - 8:05 PM	11.6	12/08/2008 7:55 PM - 8:00 PM	0.1
12/08/2008 7:50 PM - 7:55 PM	1.6	12/08/2008 7:50 PM - 7:55 PM	1.7	12/08/2008 7:55 PM - 8:00 PM	10.1	12/08/2008 7:50 PM - 7:55 PM	0.1
12/08/2008 7:45 PM - 7:50 PM	1.6	12/08/2008 7:45 PM - 7:50 PM	1.545	12/08/2008 7:50 PM - 7:55 PM	1.2	12/08/2008 7:45 PM - 7:50 PM	0.4
		12/08/2008 7:40 PM - 7:45 PM	1	12/08/2008 7:45 PM - 7:50 PM	1.2	12/08/2008 7:40 PM - 7:45 PM	0.25
				12/08/2008 7:40 PM - 7:45 PM	1		
Average	3.927	Average	1.92	Average	3.138	Average	0.179

Tabel pembacaan PRTG untuk *latency* pada pengujian 2.

LATENCY							
Mesh Client A (192.168.7.100)		Mesh Router B (192.168.7.20)		Mesh Router C (192.168.7.10)		Mesh Client E (192.168.7.50)	
Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)
12/09/2008 10:55 PM - 11:00 PM	5	12/09/2008 10:50 PM - 10:55 PM	1	12/09/2008 10:55 PM - 11:00 PM	4	12/09/2008 10:55 PM - 11:00 PM	0
12/09/2008 10:50 PM - 10:55 PM	3.67	12/09/2008 10:45 PM - 10:50 PM	1.6	12/09/2008 10:50 PM - 10:55 PM	3.2	12/09/2008 10:50 PM - 10:55 PM	0.1
12/09/2008 10:45 PM - 10:50 PM	2.8	12/09/2008 10:40 PM - 10:45 PM	1.8	12/09/2008 10:45 PM - 10:50 PM	6.1	12/09/2008 10:45 PM - 10:50 PM	0.1
12/09/2008 10:40 PM - 10:45 PM	14.4	12/09/2008 10:35 PM - 10:40 PM	1.8	12/09/2008 10:40 PM - 10:45 PM	9.9	12/09/2008 10:40 PM - 10:45 PM	0.1
12/09/2008 10:35 PM - 10:40 PM	12.1	12/09/2008 10:30 PM - 10:25 PM	1.7	12/09/2008 10:35 PM - 10:40 PM	3.9	12/09/2008 10:35 PM - 10:40 PM	0
12/09/2008 10:30 PM - 10:25 PM	1.8	12/09/2008 10:25 PM - 10:20 PM	2	12/09/2008 10:30 PM - 10:25 PM	2	12/09/2008 10:30 PM - 10:25 PM	0.3
12/09/2008 10:25 PM - 10:20 PM	2	12/09/2008 10:20 PM - 10:25 PM	1.4	12/09/2008 10:25 PM - 10:20 PM	1.8	12/09/2008 10:25 PM - 10:20 PM	0
12/09/2008 10:20 PM - 10:25 PM	1.8	12/09/2008 10:15 PM - 10:20 PM	1.8	12/09/2008 10:20 PM - 10:25 PM	1.7	12/09/2008 10:20 PM - 10:25 PM	0.2
12/09/2008 10:15 PM - 10:20 PM	3.3	12/09/2008 10:10 PM - 10:15 PM	1.6	12/09/2008 10:15 PM - 10:20 PM	1.7	12/09/2008 10:15 PM - 10:20 PM	0
12/09/2008 10:10 PM - 10:15 PM	1.78	12/09/2008 10:05 PM - 10:10 PM	1.6	12/09/2008 10:10 PM - 10:15 PM	2	12/09/2008 10:10 PM - 10:15 PM	0.1
12/09/2008 10:05 PM - 10:10 PM	1.9	12/09/2008 10:00 PM - 10:05 PM	1.727	12/09/2008 10:05 PM - 10:10 PM	1.5	12/09/2008 10:05 PM - 10:10 PM	0.3
12/09/2008 10:00 PM - 10:05 PM	1.78			12/09/2008 10:00 PM - 10:05 PM	1.5	12/09/2008 10:00 PM - 10:05 PM	0.111
						12/09/2008 09:55 PM - 10:00 PM	0
Average	4.360	Average	1.639	Average	3.275	Average	0.101

(lanjutan)

Tabel pembacaan PRTG untuk *latency* pada pengujian 3.

LATENCY							
Mesh Client A (192.168.7.100)		Mesh Router B (192.168.7.20)		Mesh Router C (192.168.7.10)		Mesh Client E (192.168.7.50)	
Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)
12/10/2008 3:35 AM - 3:40 AM	30.4	12/10/2008 3:35 AM - 3:40 AM	1.9	12/10/2008 3:40 AM - 3:45 AM	1	12/10/2008 3:40 AM - 3:45 AM	0
12/10/2008 3:30 AM - 3:35 AM	24.4	12/10/2008 3:30 AM - 3:35 AM	1.6	12/10/2008 3:35 AM - 3:40 AM	-1	12/10/2008 3:35 AM - 3:40 AM	-1.7
12/10/2008 3:25 AM - 3:30 AM	30	12/10/2008 3:25 AM - 3:30 AM	1.9	12/10/2008 3:30 AM - 3:35 AM	-1.5	12/10/2008 3:30 AM - 3:35 AM	0.1
12/10/2008 3:20 AM - 3:25 AM	36.8	12/10/2008 3:20 AM - 3:25 AM	1.9	12/10/2008 3:25 AM - 3:30 AM	-1.4	12/10/2008 3:25 AM - 3:30 AM	2
12/10/2008 3:15 AM - 3:20 AM	17.6	12/10/2008 3:15 AM - 3:20 AM	1.7	12/10/2008 3:20 AM - 3:25 AM	2.6	12/10/2008 3:20 AM - 3:25 AM	-1.6
12/10/2008 3:10 AM - 3:15 AM	27.2	12/10/2008 3:10 AM - 3:15 AM	2.5	12/10/2008 3:15 AM - 3:20 AM	2.7	12/10/2008 3:15 AM - 3:20 AM	0.1
12/10/2008 3:05 AM - 3:10 AM	25.5	12/10/2008 3:05 AM - 3:10 AM	1.8	12/10/2008 3:10 AM - 3:15 AM	0.3	12/10/2008 3:10 AM - 3:15 AM	0.1
12/10/2008 3:00 AM - 3:05 AM	18.2	12/10/2008 3:00 AM - 3:05 AM	1.8	12/10/2008 3:05 AM - 3:10 AM	-0.7	12/10/2008 3:05 AM - 3:10 AM	0
12/10/2008 2:55 AM - 3:00 AM	37.7	12/10/2008 2:55 AM - 3:00 AM	1.5	12/10/2008 3:00 AM - 3:05 AM	0.9	12/10/2008 3:00 AM - 3:05 AM	0.3
12/10/2008 2:50 AM - 2:55 AM	28.5	12/10/2008 2:50 AM - 2:55 AM	1.6	12/10/2008 2:55 AM - 3:00 AM	1.4	12/10/2008 2:55 AM - 3:00 AM	0
12/10/2008 2:45 AM - 2:50 AM	27.8	12/10/2008 2:45 AM - 2:50 AM	1.9	12/10/2008 2:50 AM - 2:55 AM	1.1	12/10/2008 2:50 AM - 2:55 AM	0.1
12/10/2008 2:40 AM - 2:45 AM	32.833	12/10/2008 2:40 AM - 2:45 AM	3.222	12/10/2008 2:45 AM - 2:50 AM	0.4	12/10/2008 2:45 AM - 2:50 AM	-0.5
				12/10/2008 2:40 AM - 2:45 AM	0.667	12/10/2008 2:40 AM - 2:45 AM	0.286
Average	28.078	Average	1.944	Average	0.497	Average	-0.063

Tabel pembacaan PRTG untuk *latency* pada pengujian 4.

LATENCY							
Mesh Client A (192.168.7.100)		Mesh Router B (192.168.7.20)		Mesh Router C (192.168.7.10)		Mesh Client E (192.168.7.50)	
Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)	Time	Ping Latency (ms)
12/11/2008 4:50 AM - 4:55 AM	39.2	12/11/2008 4:50 AM - 4:55 AM	3.3	12/11/2008 4:50 AM - 4:55 AM	-3.3	12/11/2008 4:50 AM - 4:55 AM	-16.1
12/11/2008 4:45 AM - 4:50 AM	41.4	12/11/2008 4:45 AM - 4:50 AM	3	12/11/2008 4:45 AM - 4:50 AM	0.2	12/11/2008 4:45 AM - 4:50 AM	-10.2
12/11/2008 4:40 AM - 4:45 AM	30.3	12/11/2008 4:40 AM - 4:45 AM	2.7	12/11/2008 4:40 AM - 4:45 AM	3.2	12/11/2008 4:40 AM - 4:45 AM	-10
12/11/2008 4:35 AM - 4:40 AM	23.2	12/11/2008 4:35 AM - 4:40 AM	1.6	12/11/2008 4:35 AM - 4:40 AM	0	12/11/2008 4:35 AM - 4:40 AM	-7.3
12/11/2008 4:30 AM - 4:35 AM	27.6	12/11/2008 4:30 AM - 4:35 AM	1.6	12/11/2008 4:30 AM - 4:35 AM	-2.6	12/11/2008 4:30 AM - 4:35 AM	-10
12/11/2008 4:25 AM - 4:30 AM	22.2	12/11/2008 4:25 AM - 4:30 AM	2.1	12/11/2008 4:25 AM - 4:30 AM	0.1	12/11/2008 4:25 AM - 4:30 AM	-14.8
12/11/2008 4:20 AM - 4:25 AM	20.5	12/11/2008 4:20 AM - 4:25 AM	1.8	12/11/2008 4:20 AM - 4:25 AM	0	12/11/2008 4:20 AM - 4:25 AM	-16.6
12/11/2008 4:15 AM - 4:20 AM	12.8	12/11/2008 4:15 AM - 4:20 AM	2.1	12/11/2008 4:15 AM - 4:20 AM	0	12/11/2008 4:15 AM - 4:20 AM	-6
12/11/2008 4:10 AM - 4:15 AM	27.9	12/11/2008 4:10 AM - 4:15 AM	1.9	12/11/2008 4:10 AM - 4:15 AM	0	12/11/2008 4:10 AM - 4:15 AM	-22.1
12/11/2008 4:05 AM - 4:10 AM	21	12/11/2008 4:05 AM - 4:10 AM	3.3	12/11/2008 4:05 AM - 4:10 AM	-2.3	12/11/2008 4:05 AM - 4:10 AM	-17
12/11/2008 4:00 AM - 4:05 AM	30	12/11/2008 4:00 AM - 4:05 AM	1.8	12/11/2008 4:00 AM - 4:05 AM	0.1	12/11/2008 4:00 AM - 4:05 AM	-18.8
12/11/2008 3:55 AM - 4:00 AM	24.25	12/11/2008 3:55 AM - 4:00 AM	4.444	12/11/2008 3:55 AM - 4:00 AM	0	12/11/2008 3:55 AM - 4:00 AM	-9.75
Average	26.696	Average	2.47	Average	-0.383	Average	-13.221

LAMPIRAN 9**:** Tabel Data Hasil Pengujian *End-To-End Throughput*.

Tabel pembacaan jperf untuk *end-to-end throughput* pada sistem *multihop*.

bin/iperf.exe -c 192.168.7.100 -P 1 -i 1 -p 5001 -l 1m -f k -t 30						
Client connecting to 192.168.7.100, TCP port 5001 TCP window size: 8.00 KByte (default)						
Interval (sec)	Throughput (Kbits/sec)					
	1 *Hop*		2 *Hop*		3 *Hop*	
	Non Aplikasi	Aplikasi	Non Aplikasi	Aplikasi	Non Aplikasi	Aplikasi
0.0 - 1.0	16777	33554	16777	8389	16777	8389
1.0 - 2.0	16777	16777	8389	8389	8389	8389
2.0 - 3.0	16777	16777	8389	0.00	8389	0.00
3.0 - 4.0	0.00	0.00	0.00	8389	8389	0.00
4.0 - 5.0	16777	16777	8389	0.00	0.00	0.00
5.0 - 6.0	16777	16777	8389	8389	0.00	8389
6.0 - 7.0	16777	16777	8389	8389	8389	8389
7.0 - 8.0	16777	0.00	8389	8389	8389	0.00
8.0 - 9.0	0.00	16777	0.00	0.00	0.00	0.00
9.0 - 10.0	16777	16777	8389	8389	8389	8389
10.0 - 11.0	16777	0.00	8389	0.00	8389	0.00
11.0 - 12.0	16777	16777	8389	8389	0.00	0.00
12.0 - 13.0	16777	16777	8389	8389	0.00	8389
13.0 - 14.0	0.00	16777	8389	8389	8389	8389
14.0 - 15.0	16777	0.00	8389	0.00	8389	0.00
15.0 - 16.0	16777	16777	0.00	8389	8389	8389
16.0 - 17.0	16777	16777	8389	0.00	0.00	0.00
17.0 - 18.0	16777	0.00	8389	8389	0.00	0.00
18.0 - 19.0	0.00	16777	8389	8389	8389	8389
19.0 - 20.0	16777	16777	8389	0.00	0.00	8389
20.0 - 21.0	16777	16777	0.00	8389	8389	0.00
21.0 - 22.0	16777	0.00	8389	8389	8389	0.00
22.0 - 23.0	16777	16777	8389	8389	0.00	0.00
23.0 - 24.0	0.00	16777	8389	0.00	8389	8389
24.0 - 25.0	16777	0.00	8389	8389	8389	0.00
25.0 - 26.0	16777	16777	8389	0.00	0.00	0.00
26.0 - 27.0	16777	16777	8389	8389	8389	8389
27.0 - 28.0	16777	16777	0.00	0.00	8389	0.00
28.0 - 29.0	0.00	0.00	8389	8389	8389	8389
29.0 - 30.0	16777	16777	8389	0.00	0.00	8389
Average	13421.6	12862.367	7270.433	5313.033	5592.633	3914.867

LAMPIRAN 10**:** Tabel Data Hasil Pengujian *End-To-End Jitter*.

Tabel pembacaan jperf untuk *end-to-end jitter* pada sistem *multihop*.

bin/iperf.exe -s -u -P 0 -i 1 -p 5001 -w 1000k -f k						
Server listening on UDP port 5001 Receiving 1470 byte datagrams UDP buffer size: 1000 Kbyte						
Interval (sec)	Jitter (ms)					
	1 *Hop*		2 *Hop*		3 *Hop*	
	Non Aplikasi	Aplikasi	Non Aplikasi	Aplikasi	Non Aplikasi	Aplikasi
0.0 - 1.0	0.279	0.539	1.878	7.229	1.889	8.253
1.0 - 2.0	0.631	0.513	0.05	8.223	0.05	9.467
2.0 - 3.0	0.14	0.606	0.059	6.213	2.999	7.848
3.0 - 4.0	0.586	0.011	1.627	6.84	0.024	7.977
4.0 - 5.0	0.073	0.016	3.408	5.337	1.091	8.297
5.0 - 6.0	0.1	1.905	1.607	7.136	2.832	8.555
6.0 - 7.0	0.061	0.743	1.64	7.25	2.586	11.175
7.0 - 8.0	0.1	0.02	1.576	4.374	3.397	9.124
8.0 - 9.0	0.07	0.01	1.566	8.078	2.549	7.945
9.0 - 10.0	1.677	0.068	1.582	8.705	1.226	9.877
10.0 - 11.0	0.14	0.000	1.483	5.837	2.513	10.236
11.0 - 12.0	0.073	0.023	2.761	7.392	3.516	6.152
12.0 - 13.0	0.061	0.000	1.511	6.398	1.154	11.042
13.0 - 14.0	0.071	1.981	1.18	3.022	4.435	6.45
14.0 - 15.0	0.631	0.091	1.296	4.723	7.537	6.573
15.0 - 16.0	0.586	0.435	2.609	5.783	4.669	4.943
16.0 - 17.0	0.1	1.878	0.022	7.082	1.426	10.005
17.0 - 18.0	0.1	0.17	2.078	5.582	4.415	6.183
18.0 - 19.0	1.677	1.098	0.502	6.87	1.361	5.339
19.0 - 20.0	0.013	0.005	1.248	4.623	7.405	6.391
20.0 - 21.0	0.071	0.000	1.597	5.751	0.086	8.757
21.0 - 22.0	0.061	0.005	2.474	7.802	0.873	4.873
22.0 - 23.0	0.073	0.001	1.41	5.339	0.332	7.802
23.0 - 24.0	0.14	0.218	1.208	7.719	3.182	5.978
24.0 - 25.0	0.279	0.055	0.238	5.434	0.835	3.916
25.0 - 26.0	0.631	0.844	1.825	4.199	1.252	9.789
26.0 - 27.0	0.061	0.016	0.818	5.885	1.708	6.642
27.0 - 28.0	0.1	1.905	0.498	7.045	1.494	6.857
28.0 - 29.0	0.14	0.74	0.395	3.916	1.188	7.867
29.0 - 30.0	0.586	0.02	0.187	1.743	2.403	8.352
Average	0.3	0.464	1.344	6.051	2.348	7.756