

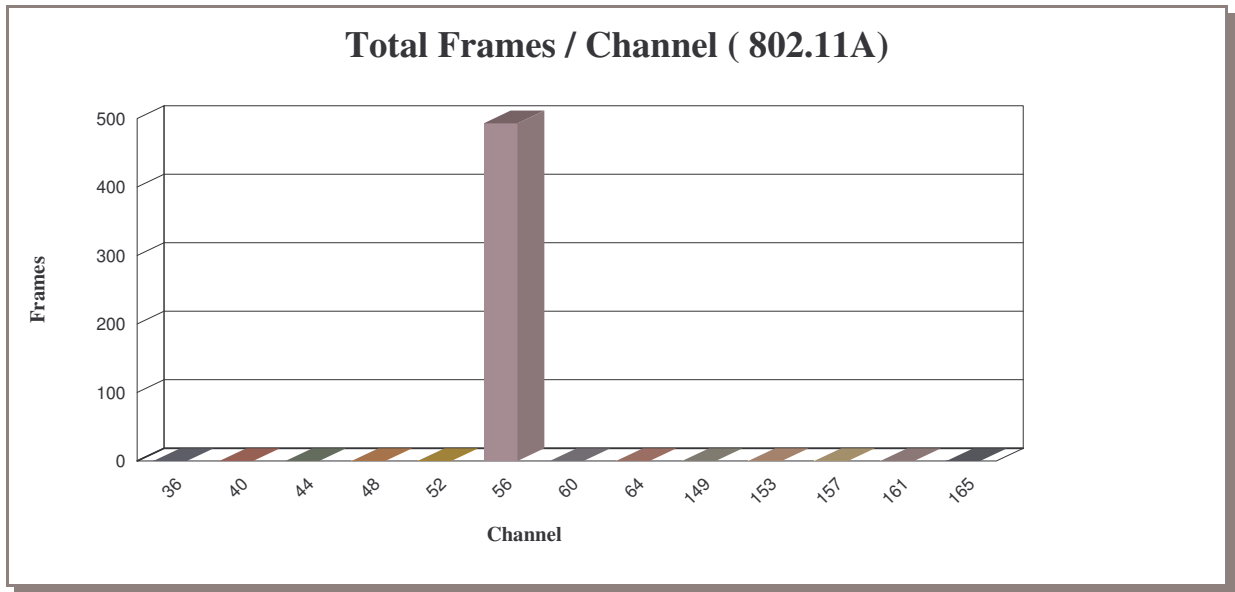
# AirMagnet All Channels Report

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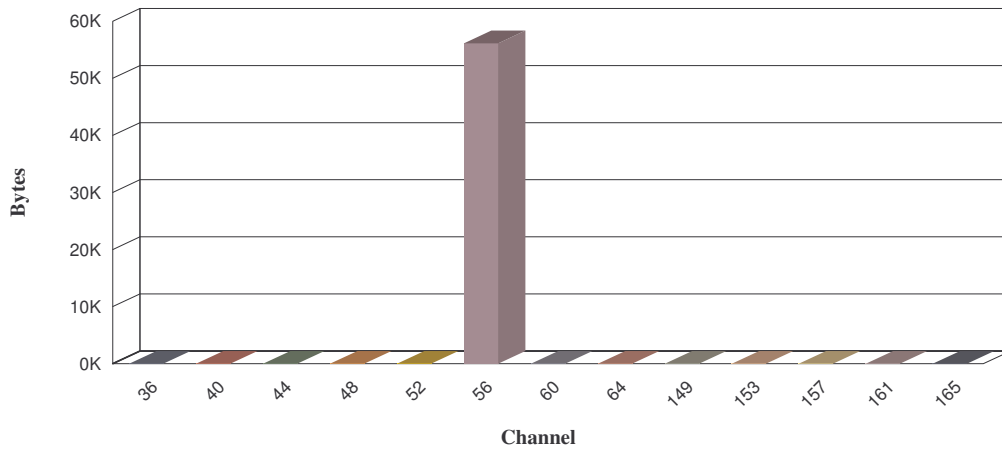
**Time Period:** 09:58:36 Thursday, July 07, 2005

**Description:** This report shows detail information of the all the channels that the 802.11a/b/g network uses in terms of channel utilization and throughput. Not only does the radio medium have bandwidth limitations, WLAN Access Points have limitations and can be overloaded by heavy traffic or a large number of associated clients.

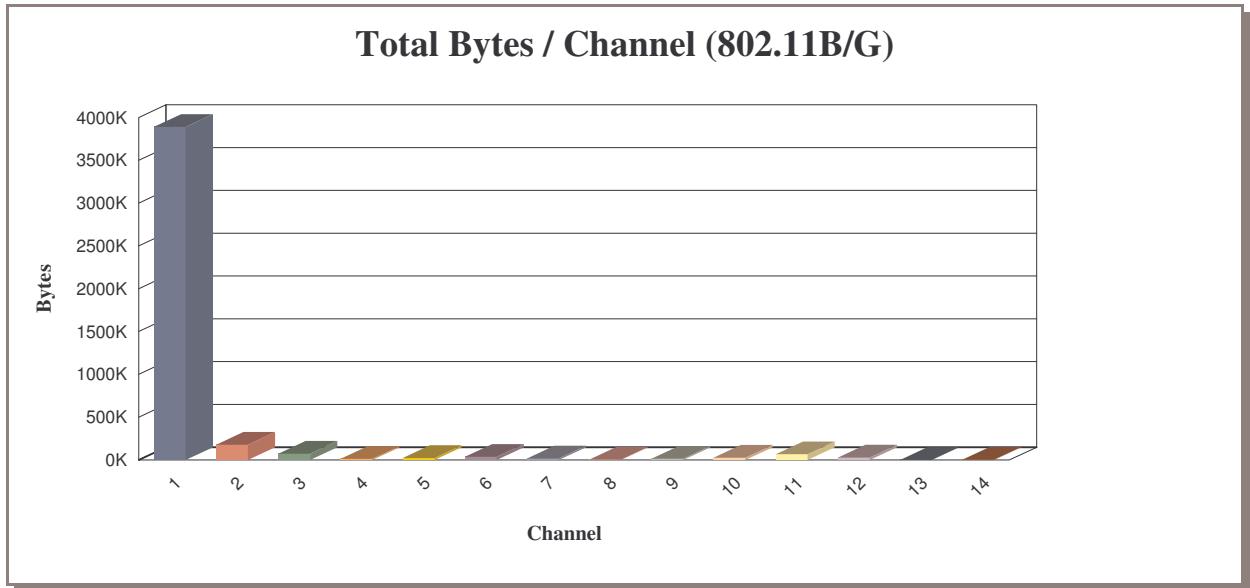
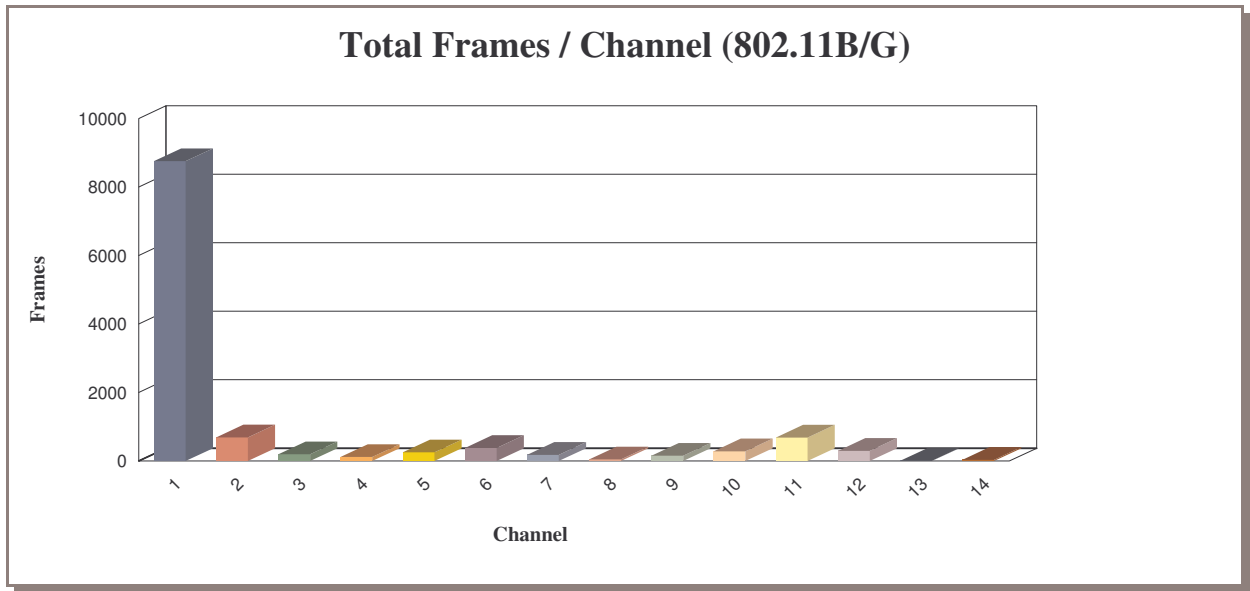
Like the wired LAN, excessive multicast and broadcast frames can put extra burden on the WLAN devices. Overloaded devices suffer from degraded performance and cause connectivity problems, for example, AP association table overflowed by large number of clients.



### Total Bytes / Channel (802.11A)



Channel	Media	Frequency	Scan (ms)	Frames	Bytes	# of APs	# of STAs
36	802.11A	5.180 GHz	250	0	0	0	0
40	802.11A	5.200 GHz	250	0	0	0	0
44	802.11A	5.220 GHz	250	0	0	0	0
48	802.11A	5.240 GHz	250	0	0	0	0
52	802.11A	5.260 GHz	250	0	0	0	0
56	802.11A	5.280 GHz	250	493	56,127	1	0
60	802.11A	5.300 GHz	250	0	0	0	0
64	802.11A	5.320 GHz	250	0	0	0	0
149	802.11A	5.745 GHz	250	0	0	0	0
153	802.11A	5.765 GHz	250	0	0	0	0
157	802.11A	5.785 GHz	250	0	0	0	0
161	802.11A	5.805 GHz	250	0	0	0	0
165	802.11A	5.825 GHz	250	0	0	0	0



Channel	Media	Frequency	Scan (ms)	Frames	Bytes	# of APs	# of STAs
1	802.11G	2.412 GHz	250	8,755	3,890,031	1	2
2	802.11G	2.417 GHz	250	689	178,228	0	0
3	802.11G	2.422 GHz	250	195	73,132	0	0
4	802.11G	2.427 GHz	250	116	12,775	0	0

5	802.11G	2.432 GHz	250	251	23,318	0	0
6	802.11G	2.437 GHz	250	380	37,217	1	0
7	802.11G	2.442 GHz	250	180	17,100	0	0
8	802.11G	2.447 GHz	250	46	3,988	0	0
9	802.11G	2.452 GHz	250	153	14,305	0	0
10	802.11G	2.457 GHz	250	281	26,506	0	0
11	802.11G	2.462 GHz	250	683	67,031	2	0
12	802.11G	2.467 GHz	250	297	28,650	0	0
13	802.11G	2.472 GHz	250	4	380	0	0
14	802.11G	2.484 GHz	250	33	3,502	0	0

