

WiFi Diag Report

RX (All) Retransmit percentage: 5197/78377 == 6.63077178253825
 RX (Big) Retransmit count: 5197
 TX (All) Retransmit percentage: 3/7108 == 0.0422059651097355
 TX (Big) Retransmit count: 0
 RX (All) no-ack-found: 56234
 RX (Big) no-ack-found: 55705
 TX (All) no-ack-found: 6
 TX (Big) no-ack-found: 0
 RX average gap between AMPDU frames (ms): 0.00344110614165813

RX average AMPDU chain time (ms): 0.0465246330408624
 TX BA to RX AMPDU average gap (ms): 1.53520291279184
 RX BA to TX AMPDU average gap (ms): 61.600923538208
 Duplicate TX BA without AMPDU between them: 54
 Duplicate RX BA without AMPDU between them: 32
 WMM Info from DUT Beacon

Ac Parameters ACI 0 (Best Effort), ACM no, AIFSN 3, ECWmin/max 4/10 (CWmin/max 15/1023), TXOP 0
 Ac Parameters ACI 1 (Background), ACM no, AIFSN 7, ECWmin/max 4/10 (CWmin/max 15/1023), TXOP 0
 Ac Parameters ACI 2 (Video), ACM no, AIFSN 2, ECWmin/max 3/4 (CWmin/max 7/15), TXOP 94
 Ac Parameters ACI 3 (Voice), ACM no, AIFSN 2, ECWmin/max 2/3 (CWmin/max 3/7), TXOP 47

TX Encoding rate histogram.

Rate Mbps	Packets	Percentage
6.0	3539	49.788970
12.0	9	0.126618
14.4	1	0.014069
24.0	3509	49.366911
28.8	1	0.014069
30.0	1	0.014069
45.0	1	0.014069
54.0	1	0.014069
58.5	1	0.014069
58.6	6	0.084412
60.0	1	0.014069
65.0	1	0.014069
87.9	12	0.168824
97.5	2	0.028137
117.0	2	0.028137
117.2	5	0.070343
130.0	2	0.028137
175.5	3	0.042206
195.0	1	0.014069
260.0	4	0.056275
263.4	2	0.028137
292.5	1	0.014069
390.0	1	0.014069
468.0	2	0.028137

RX Encoding rate histogram

Rate Mbps	Packets	Percentage
6.0	1176	1.500440
12.0	11	0.014035

19.5	1	0.001276
21.6	3	0.003828
26.0	3	0.003828
28.8	20	0.025518
43.2	6	0.007655
45.0	12	0.015311
54.0	4	0.005104
57.6	18	0.022966
60.0	111	0.141623
81.0	4	0.005104
90.0	16	0.020414
108.0	4	0.005104
120.0	214	0.273039
180.0	36	0.045932
1040.0	654	0.834428
1170.0	2433	3.104227
1299.9	24320	31.029511
1300.0	42775	54.575960
1404.0	5625	7.176850
1560.0	927	1.182745
1733.2	4	0.005104

TX Packet Type histogram

Type	Packets	Percentage
802.11 Block Ack (0x0019)	3657	51.449071
Acknowledgement (0x001d)	9	0.126618
Clear-to-send (0x001c)	3390	47.692741
QoS Data (0x0028) Best Effort (Best Effort)	51	0.717501
Request-to-send (0x001b)	1	0.014069

RX Packet Type histogram

Type	Packets	Percentage
802.11 Block Ack (0x0019)	51	0.065070
Beacon frame (0x0008)	68	0.086760
Data (0x0020)	2	0.002552
Probe Response (0x0005)	11	0.014035
QoS Data (0x0028) Background (Background)	7	0.008931
QoS Data (0x0028) Best Effort (Best Effort)	77121	98.397489
QoS Data (0x0028) Controlled Load (Video)	23	0.029345
QoS Data (0x0028) Excellent Effort (Best Effort)	1	0.001276
QoS Data (0x0028) Network Control (Voice)	5	0.006379
QoS Data (0x0028) Spare (Background)	9	0.011483
QoS Data (0x0028) Video (Video)	4	0.005104
QoS Data (0x0028) Voice (Voice)	8	0.010207
QoS Data + CF-Acknowledgment (0x0029) Best Effort (Best Effort)	2	0.002552
QoS Data + CF-Poll (0x002a) Best Effort (Best Effort)	3	0.003828
QoS Data + CF-Poll (0x002a) Controlled Load (Video)	1	0.001276

QoS Null function (No data) (0x002c) Best Effort (Best Effort)	3	0.003828
Request-to-send (0x001b)	530	0.676219
Unknown (0x002d) Best Effort (Best Effort)	1	0.001276
VHT/HE NDP Announcement (0x0015)	527	0.672391

RX AMPDU chain count histogram

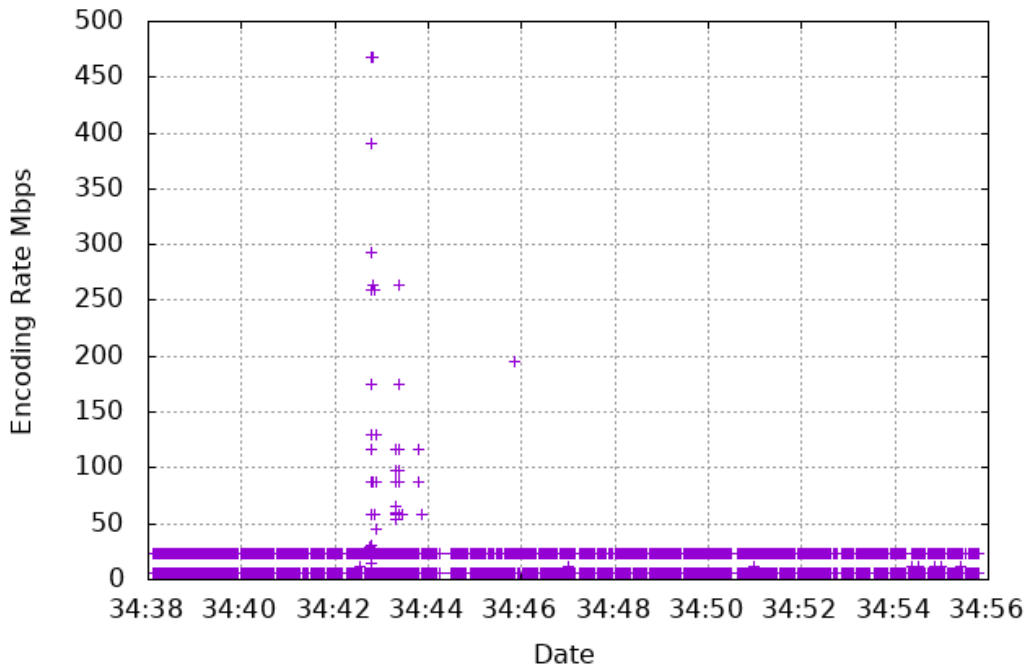
Average: 8.75712971481141

Chain Count	Packets	Percentage
2	43	1.977921
3	834	38.362466
4	726	33.394664
5	20	0.919963
6	32	1.471941
7	22	1.011960
8	5	0.229991
9	3	0.137994
10	1	0.045998
11	2	0.091996
12	4	0.183993
13	1	0.045998
14	5	0.229991
15	9	0.413983
16	5	0.229991
17	4	0.183993
18	2	0.091996
19	6	0.275989
20	8	0.367985
21	5	0.229991
22	18	0.827967
23	39	1.793928
24	40	1.839926
25	66	3.035879
26	52	2.391904
27	57	2.621895
28	51	2.345906
29	30	1.379945
30	23	1.057958
31	17	0.781969
32	8	0.367985
33	1	0.045998
34	2	0.091996
35	2	0.091996
37	1	0.045998
39	1	0.045998
40	4	0.183993
41	1	0.045998
42	1	0.045998
43	2	0.091996

44	6	0.275989
45	3	0.137994
46	3	0.137994
47	2	0.091996
48	1	0.045998
53	1	0.045998
54	1	0.045998
58	1	0.045998
60	1	0.045998
63	1	0.045998
64	1	0.045998

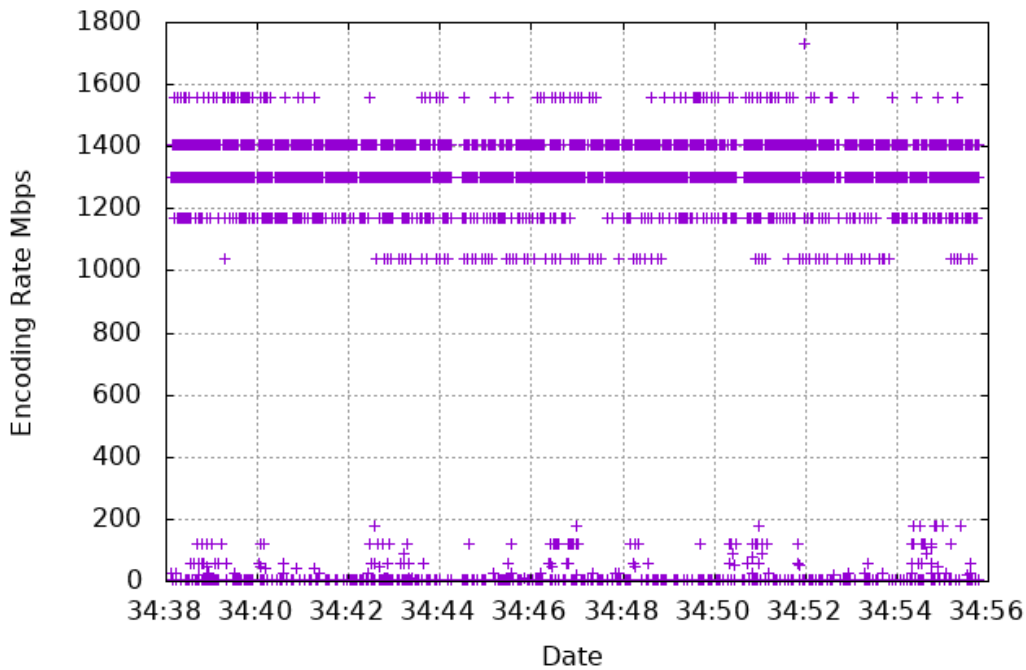
MCS/Encoding Rates over time

TX Packet encoding rate over time



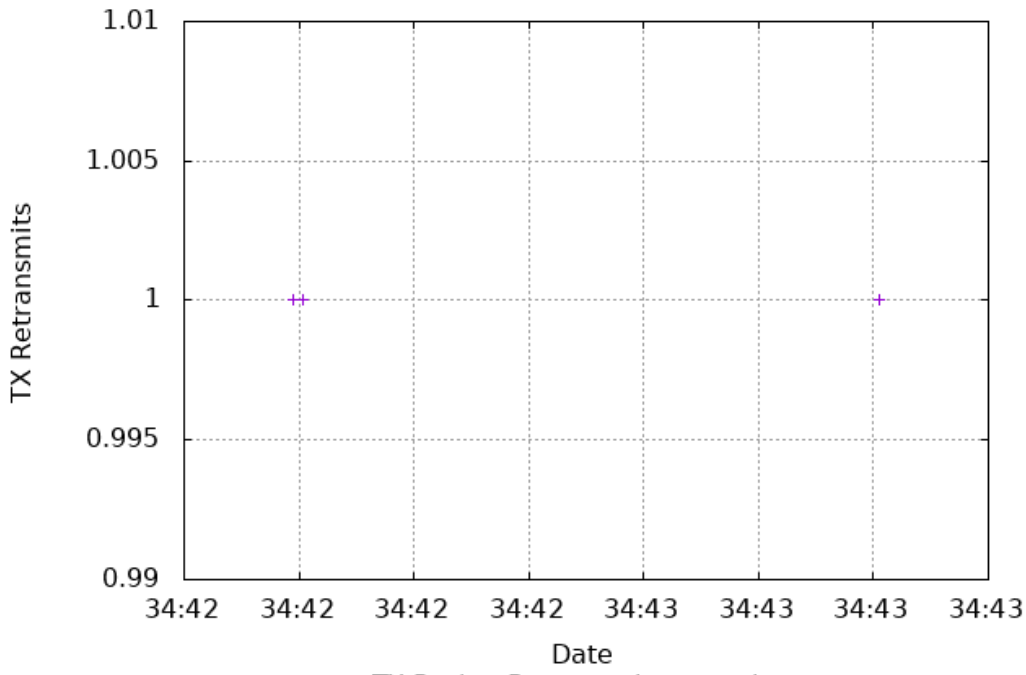
TX Packet encoding rate over time +

RX Packet encoding rate over time



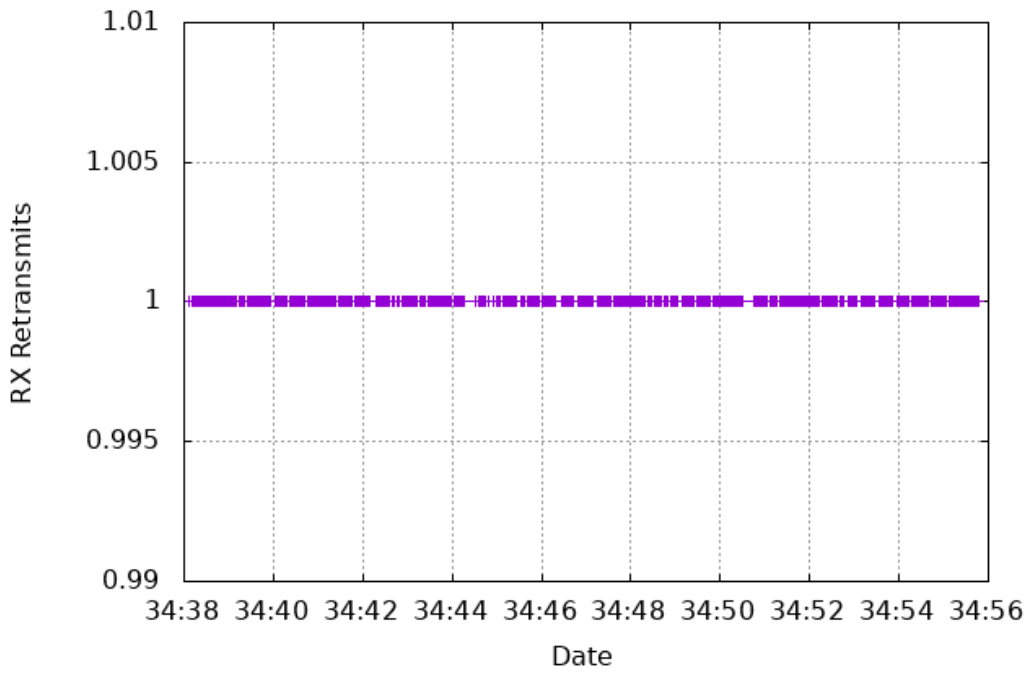
RX Packet encoding rate over time +

TX Packet Retransmits over time

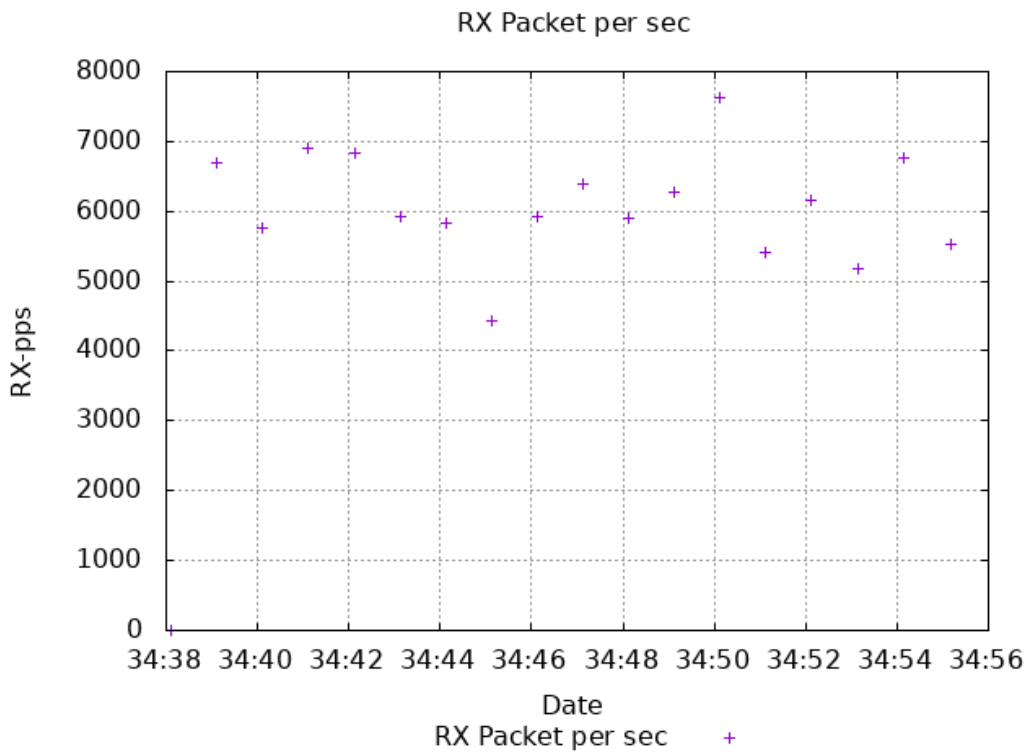
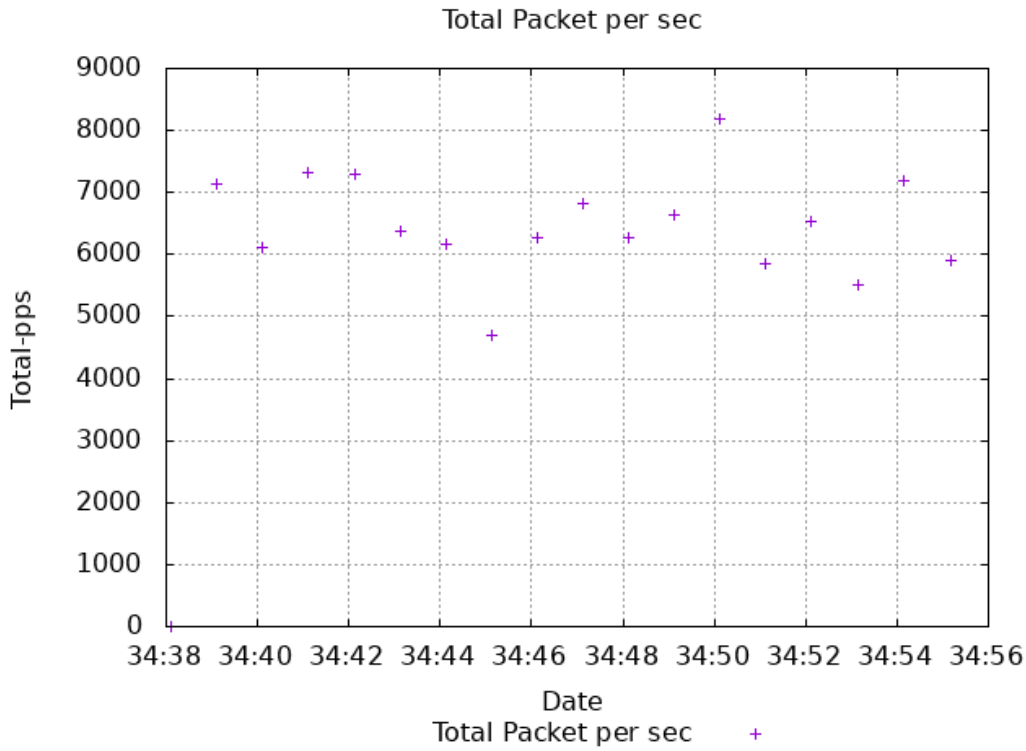


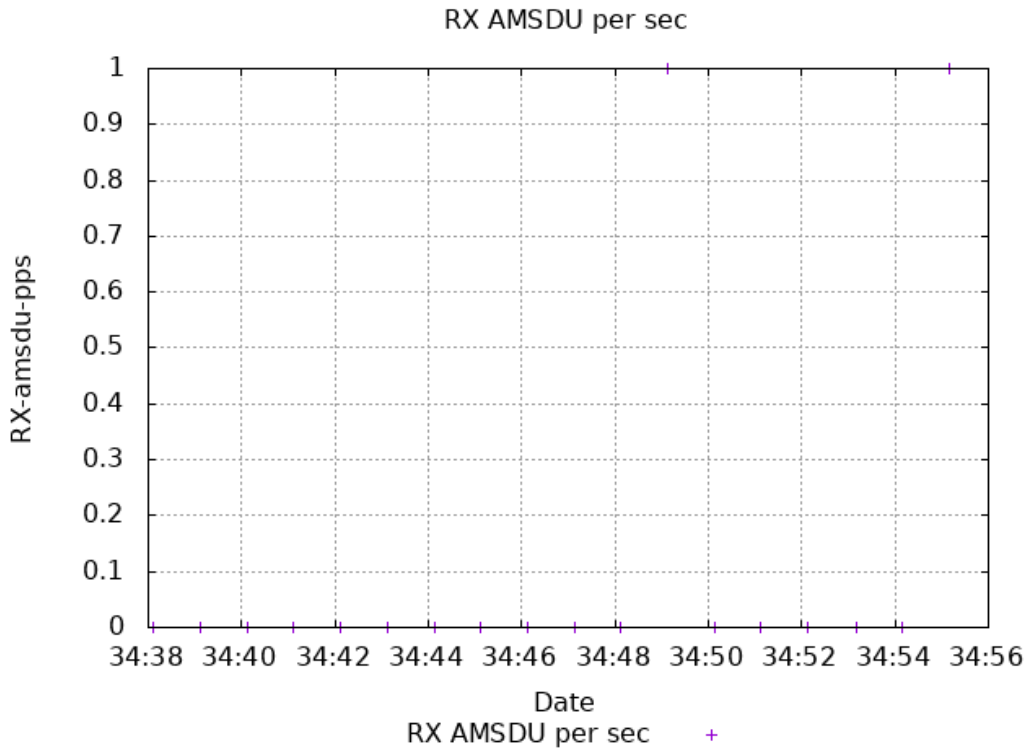
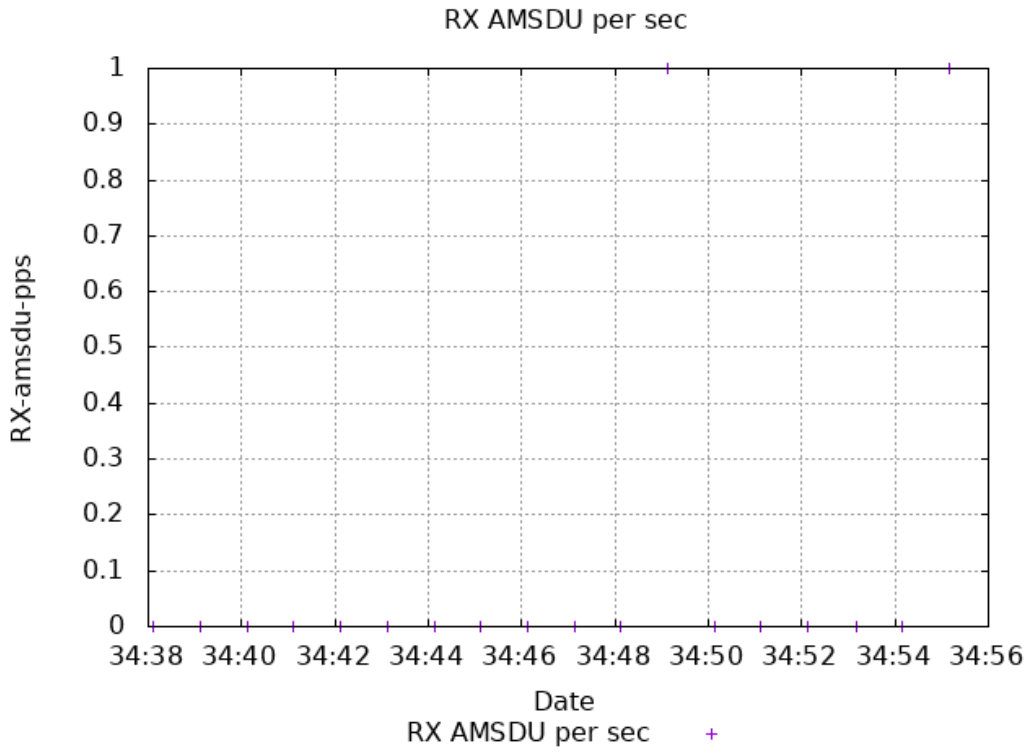
TX Packet Retransmits over time +

RX Packet Retransmits over time

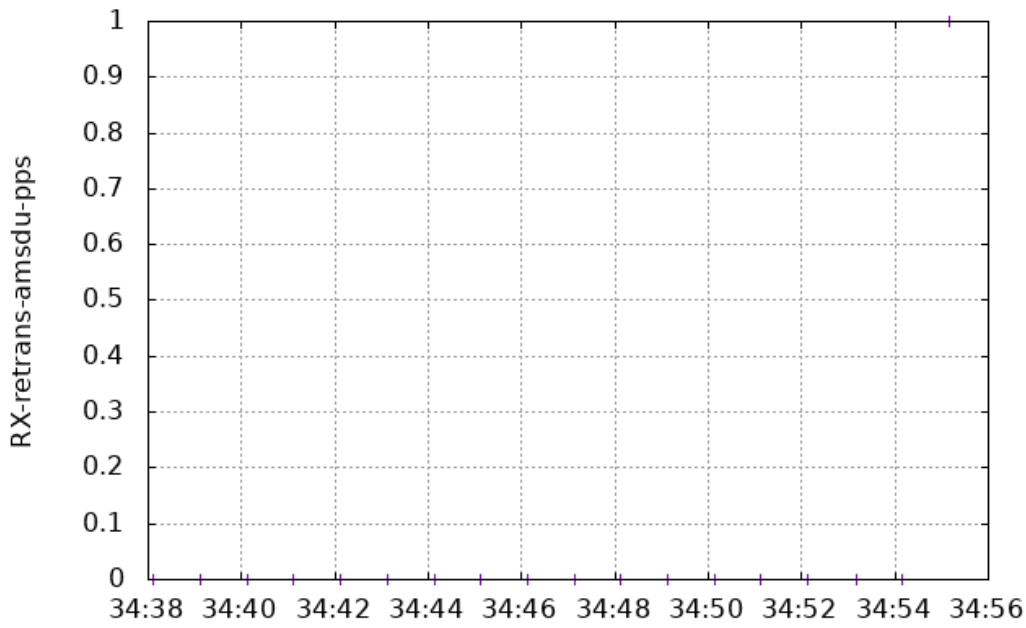


RX Packet Retransmits over time +



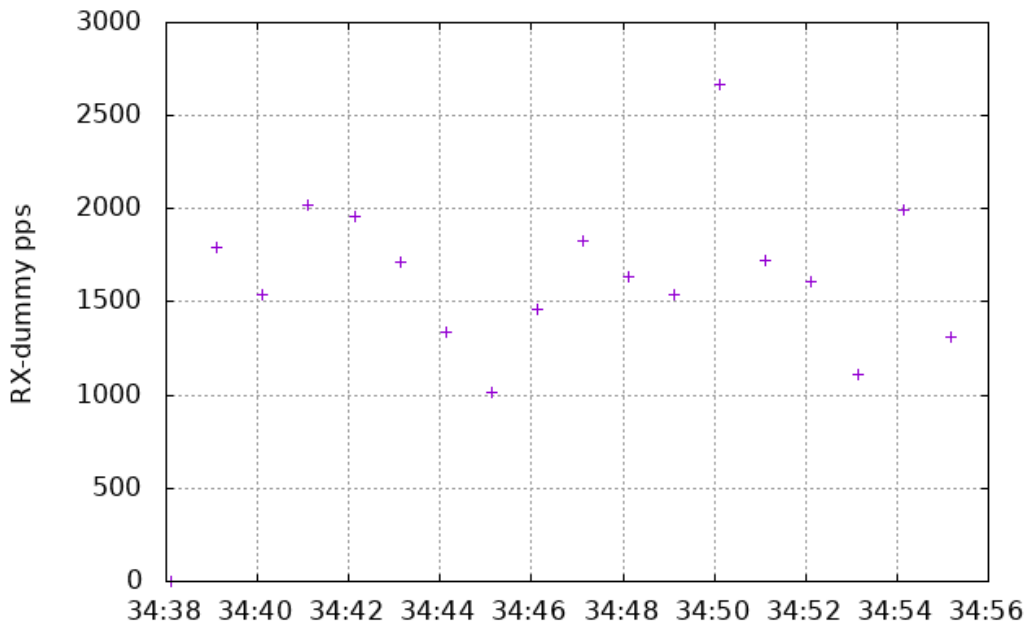


RX Retrans AMSDU per sec

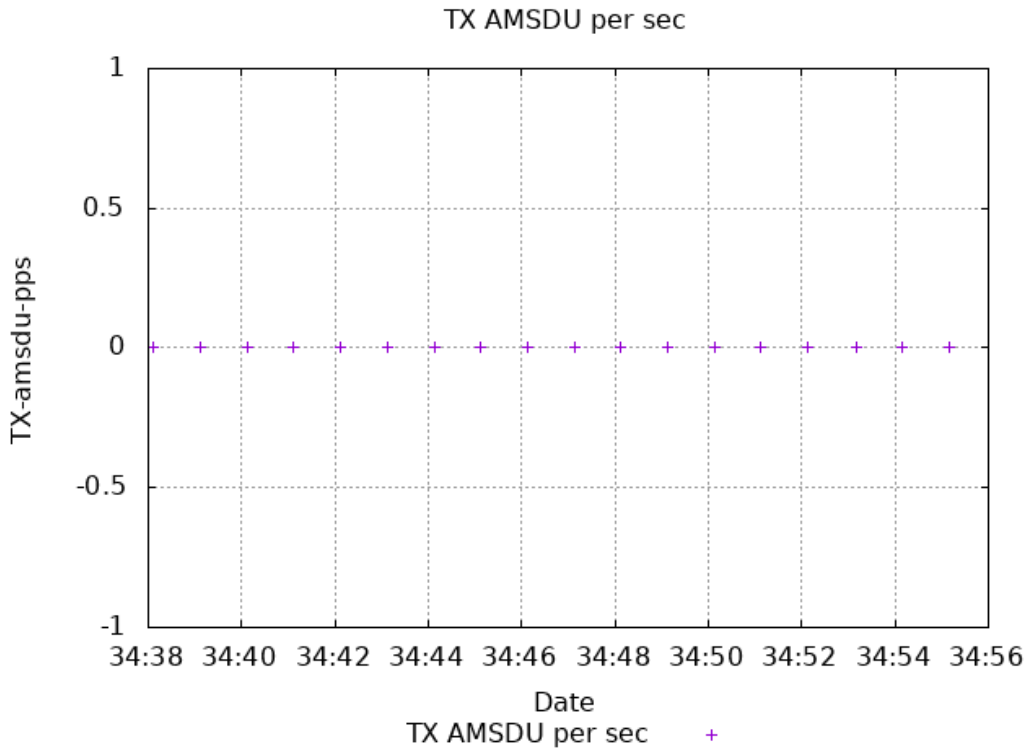
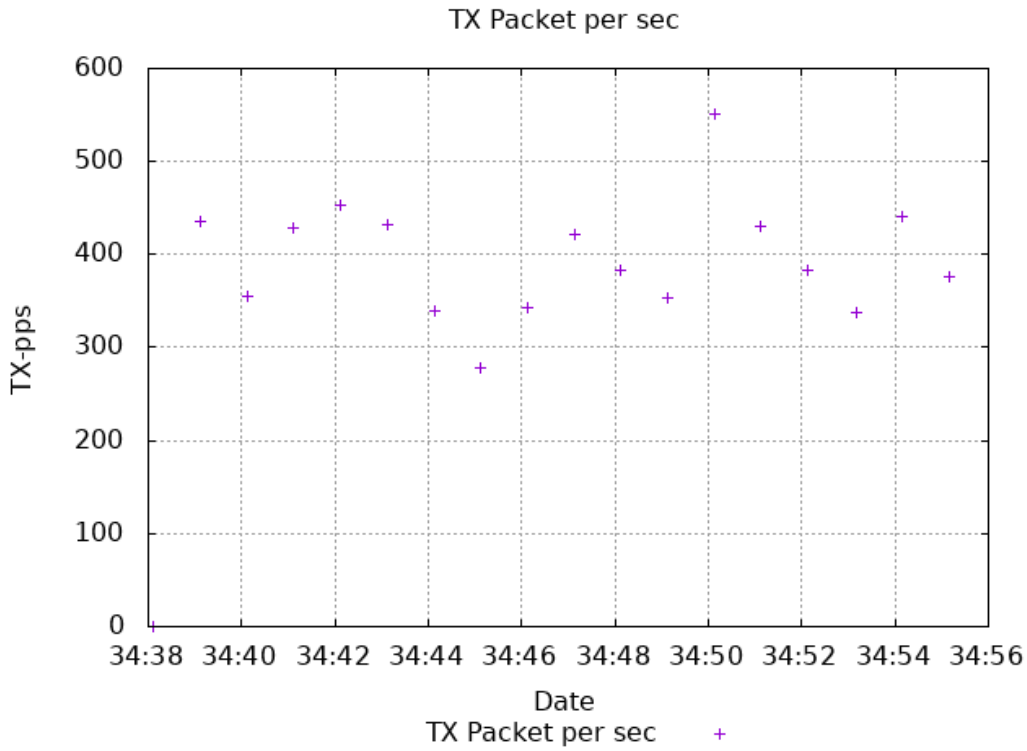


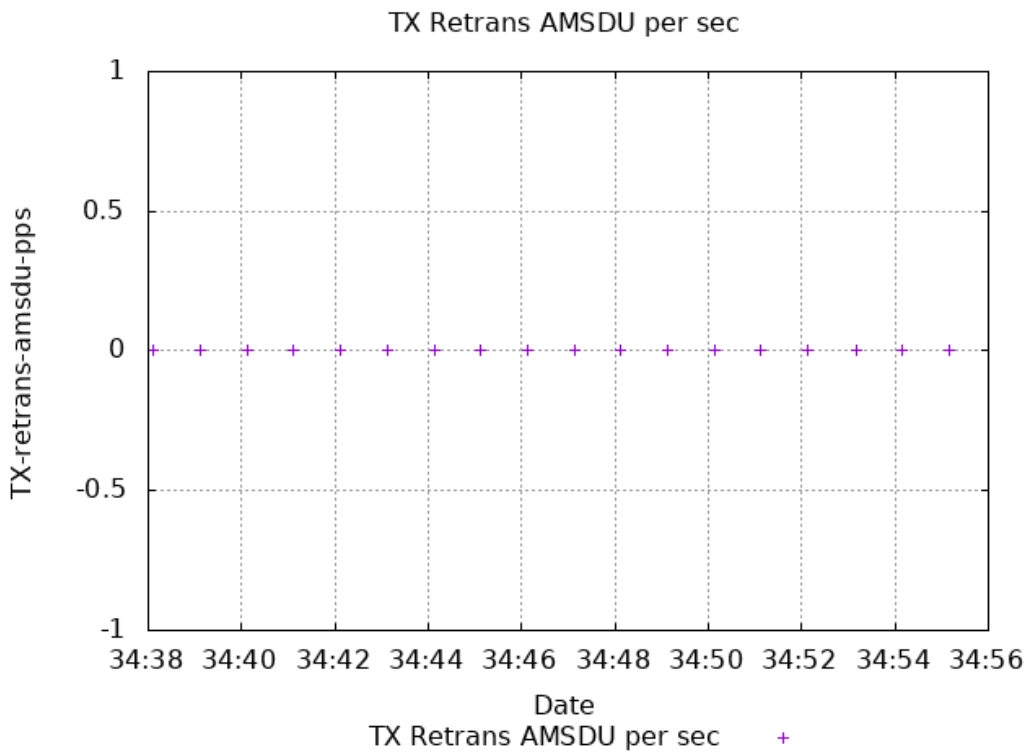
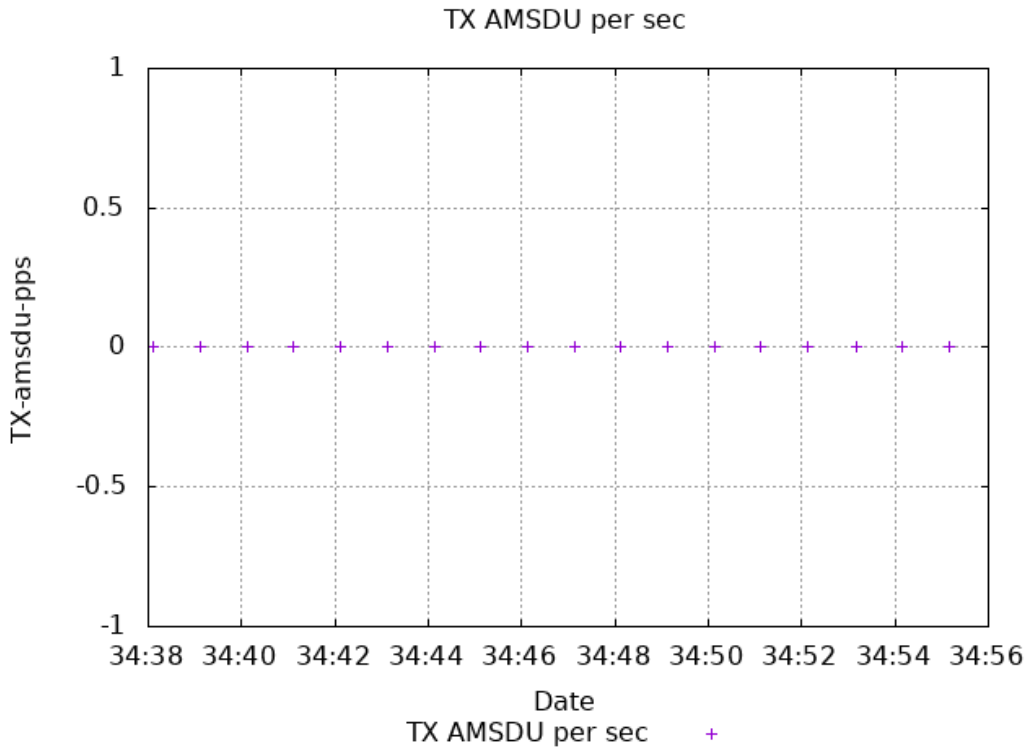
Date
RX Retrans AMSDU per sec +

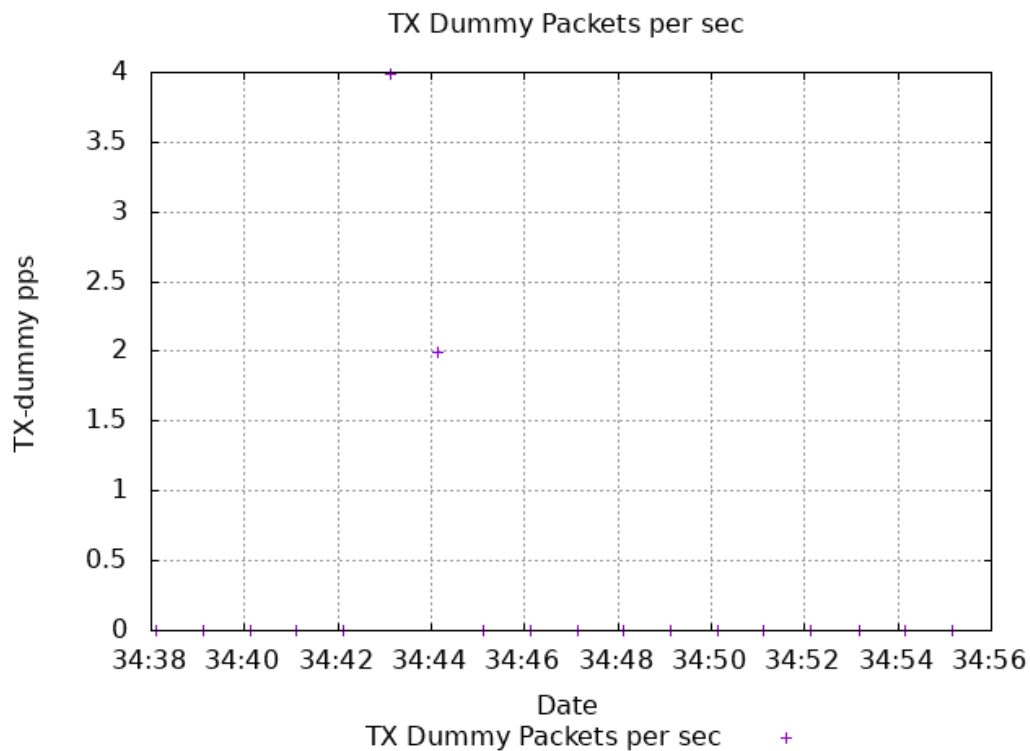
RX Dummy Packets per sec



Date
RX Dummy Packets per sec +

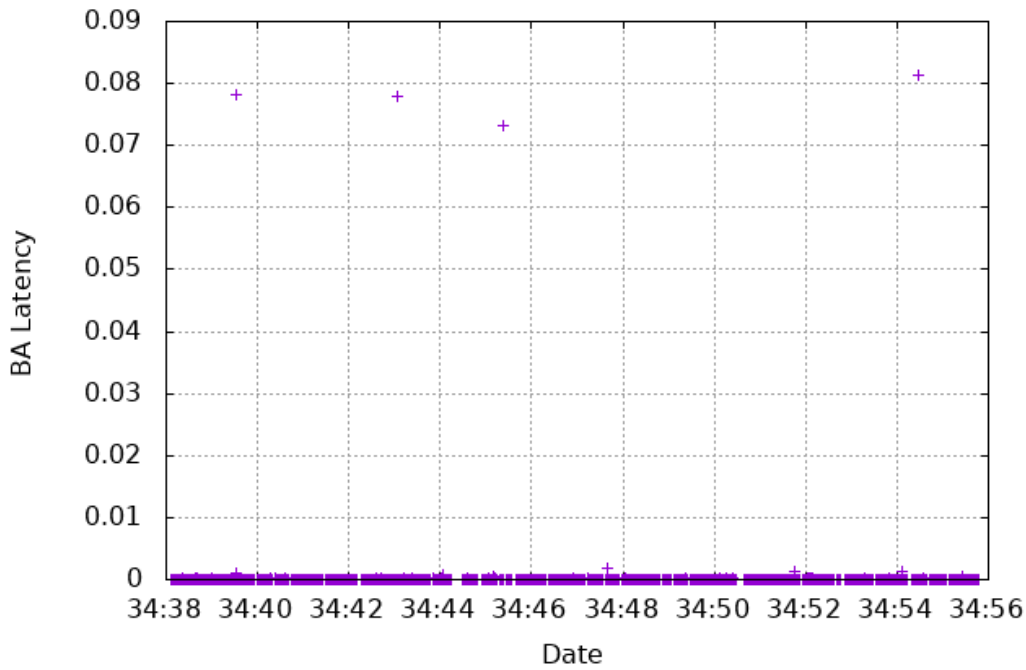






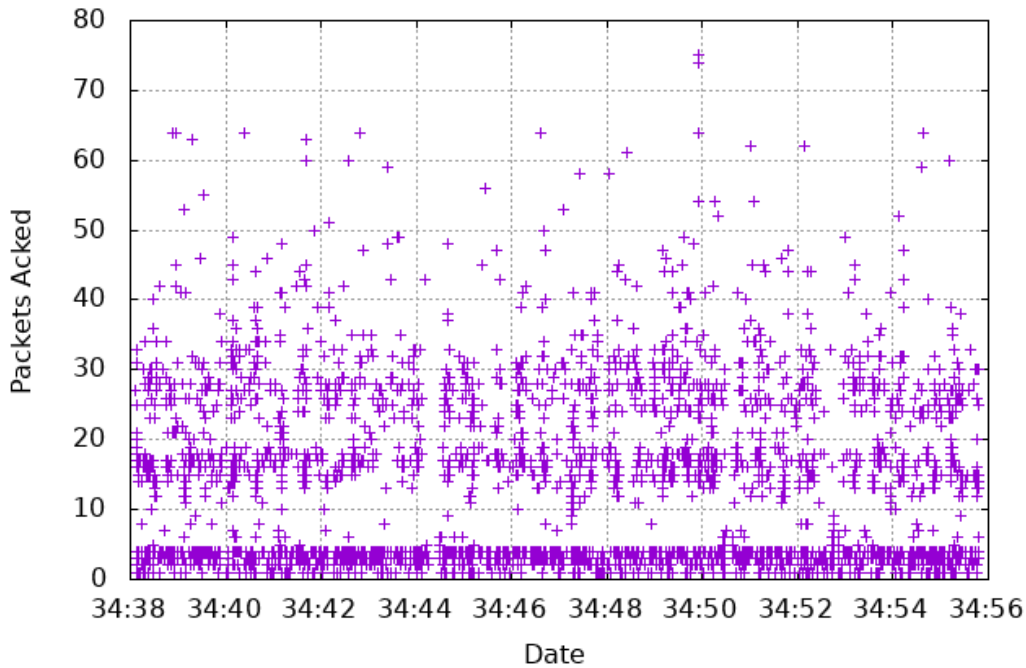
Block-Acks sent from all local endpoints to DUT.

TX Block-Ack latency from last known frame

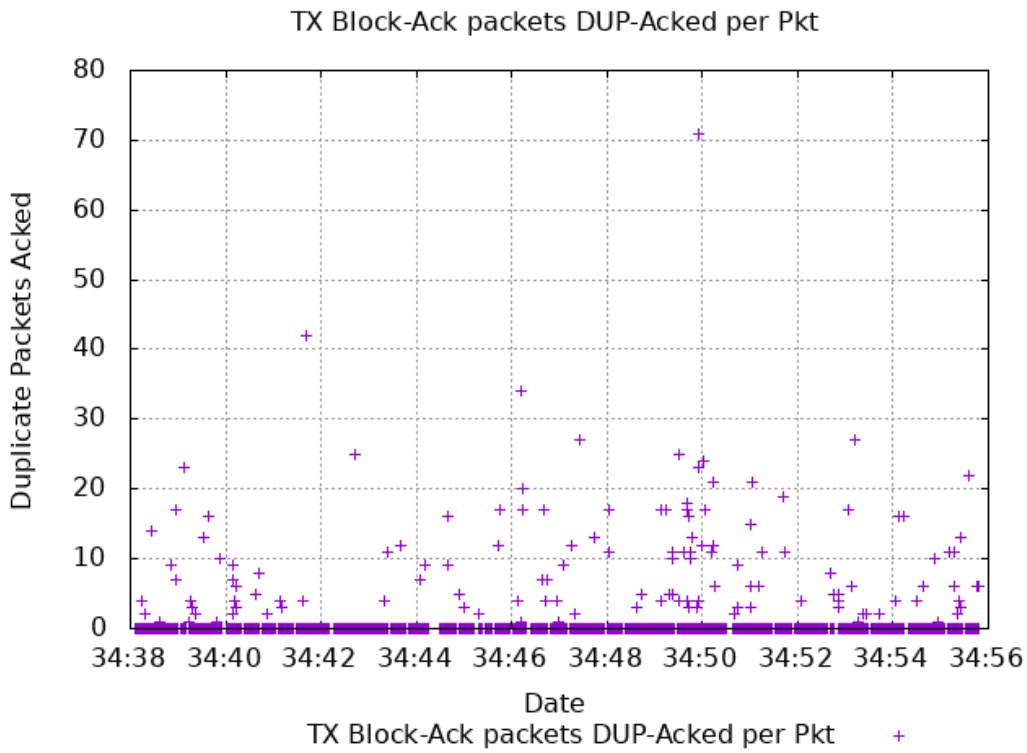


TX Block-Ack latency from last known frame +

TX Block-Ack packets Aced per Pkt



TX Block-Ack packets Aced per Pkt +



Block-Acks sent from DUT to all local endpoints.

