a-1-1: need 6 samples to drop below 130ms srtt for first 6 samples: (166.0 154.8 145.84 138.672 132.93759 128.35007)

a-1-2: need 4 samples so next 600ms RTT will trigger a timeout the first 4 samples, (srtt, rttvar, rto) are((599.9998 1.8310547e-4 600.00055) (422.22226 222.22221 1311.1111) (331.14755 190.11678 1091.6146) (335.50134 261.1533 1380.1145))

the first 60 samples in the smallest exceeding case are: ((215.99998 462.0 2064.0) (292.8 407.4 1922.3999) (354.24 337.26 1703.28) (403.392 273.21002 1496.232) (362.7136 224.3374 1260.0632) (410.17087 233.4017 1343.7777) (448.1367 202.90091 1259.7404) (478.50937 167.17459 1147.2078) (502.8075 135.19582 1043.5908) (442.246 252.52399 1452.3419) (473.7968 186.185 1218.5369) (499.03745 144.19774 1075.8284) (519.2299 113.93311 974.9624) (535.3839 90.718994 898.2599) (468.30713 261.98444 1516.2449) (494.64572 170.78033 1177.7671) (515.71655 124.9821 1015.64496) (532.57324 96.49304 918.5454) (546.0586 76.146645 850.64514) (476.8469 265.08502 1537.187) (501.4775 165.7327 1164.4083) (521.182 118.685555 995.9242) (536.9456 90.77826 900.05865) (549.55646 71.371544 835.0426) (479.64517 266.10098 1544.0491) (503.71616 164.07867 1160.0309) (522.9729 116.6223 989.4621) (538.3783 88.905655 894.0009) (550.70264 69.80689 829.9302) (480.5621 266.4339 1546.2977) (504.44968 163.53671 1158.5966) (523.55975 115.94624 987.3447) (538.8478 88.292046 892.016) (551.0782 69.29417 828.2549) (480.86255 266.54297 1547.0344) (504.69003 163.3591 1158.1265) (523.752 115.7247 986.6508) (539.0016 88.091 891.3656) (551.20123 69.12619 827.706) (480.961 266.57874 1547.2759) (504.7688 163.30093 1157.9725) (523.815 115.65213 986.4235) (539.052 88.02514 891.1526) (551.2416 69.07114 827.5261) (480.99326 266.59042 1547.355) (504.79462 163.28185 1157.922) (523.8357 115.62833 986.349) (539.06854 88.00351 891.0826) (551.2548 69.05307 827.4671) (481.00388 266.5943 1547.3811) (504.8031 163.27557 1157.9054) (523.84247 115.6205 986.32446) (539.074 87.99642 891.0597) (551.25916 69.04714 827.44775) (481.00732 266.59555 1547.3895) (504.80588 163.27353 1157.9) (523.84467 115.61795 986.31647) (539.07574 87.994125 891.05225) (551.26056 69.04521 827.4414) (481.00845 266.59595 1547.3922))