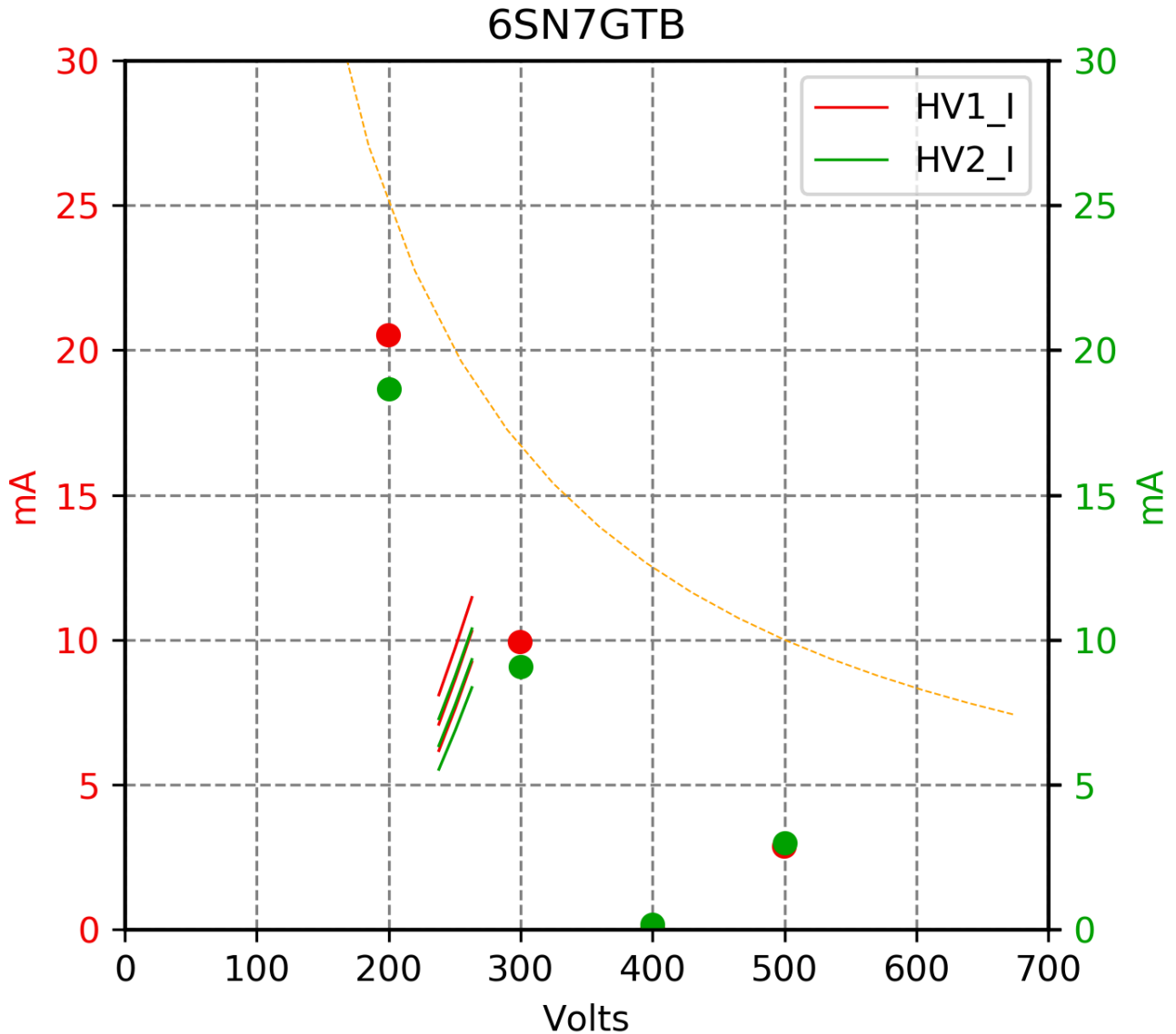




(e)tracer test report  
Sat Jan 19 18:24:36 2019



#### Quick-scan results

===== Test Setup =====

HV1: 250V, swing: 5%

HV2: Linked to HV1, 100%

NEGV: -8.00V, swing: 5.00%

===== Measurement Data =====

(-7.60,238,8.10,237,7.28)

(-7.60,250,9.74,250,8.77)

(-7.60,263,11.46,262,10.38)

(-8.00,238,7.09,237,6.35)

(-8.00,250,8.65,250,7.78)

(-8.00,263,10.29,262,9.32)

(-8.40,238,6.18,237,5.53)

(-8.40,250,7.64,250,6.88)

(-8.40,263,9.23,262,8.35)

===== Section 1 Parameters =====

current:8.65 mA, reference:9.00 mA, percent:96.1%  
rp:7806 ohms, reference:7700 ohms, percent:101.4%  
gm:2623 umhos, reference:2600 umhos, percent: 100.9%  
mu:20.5 V/V, reference:20.0 V/V, percent: 102.4%  
===== Section 2 Parameters =====  
current:7.78 mA, reference:9.00 mA, percent:86.4%  
rp:8396 ohms, reference:7700 ohms, percent:109.0%  
gm:2362 umhos, reference:2600 umhos, percent: 90.8%  
mu:19.8 V/V, reference:20.0 V/V, percent: 99.2%

### Corners test results:

===== Test Setup =====  
Case 1:HV1:400 V, HV2:400 V, NEGV:24.00 V.  
Pass criteria: HV1\_I < 1.0 mA, HV2\_I < 1.0 mA  
Case 2:HV1:500 V, HV2:500 V, NEGV:24.00 V.  
Pass criteria: HV1\_I < 8.0 mA, HV2\_I < 8.0 mA  
Case 3:HV1:200 V, HV2:200 V, NEGV:2.00 V.  
Pass criteria: HV1\_I > 19.0 mA, HV2\_I > 19.0 mA  
Case 4:HV1:300 V, HV2:300 V, NEGV:10.00 V.  
Pass criteria: HV1\_I > 8.5 mA, HV2\_I > 8.5 mA  
===== Test results =====  
Case 1: pass  
Case 2: pass  
Case 3: fail  
Case 4: pass