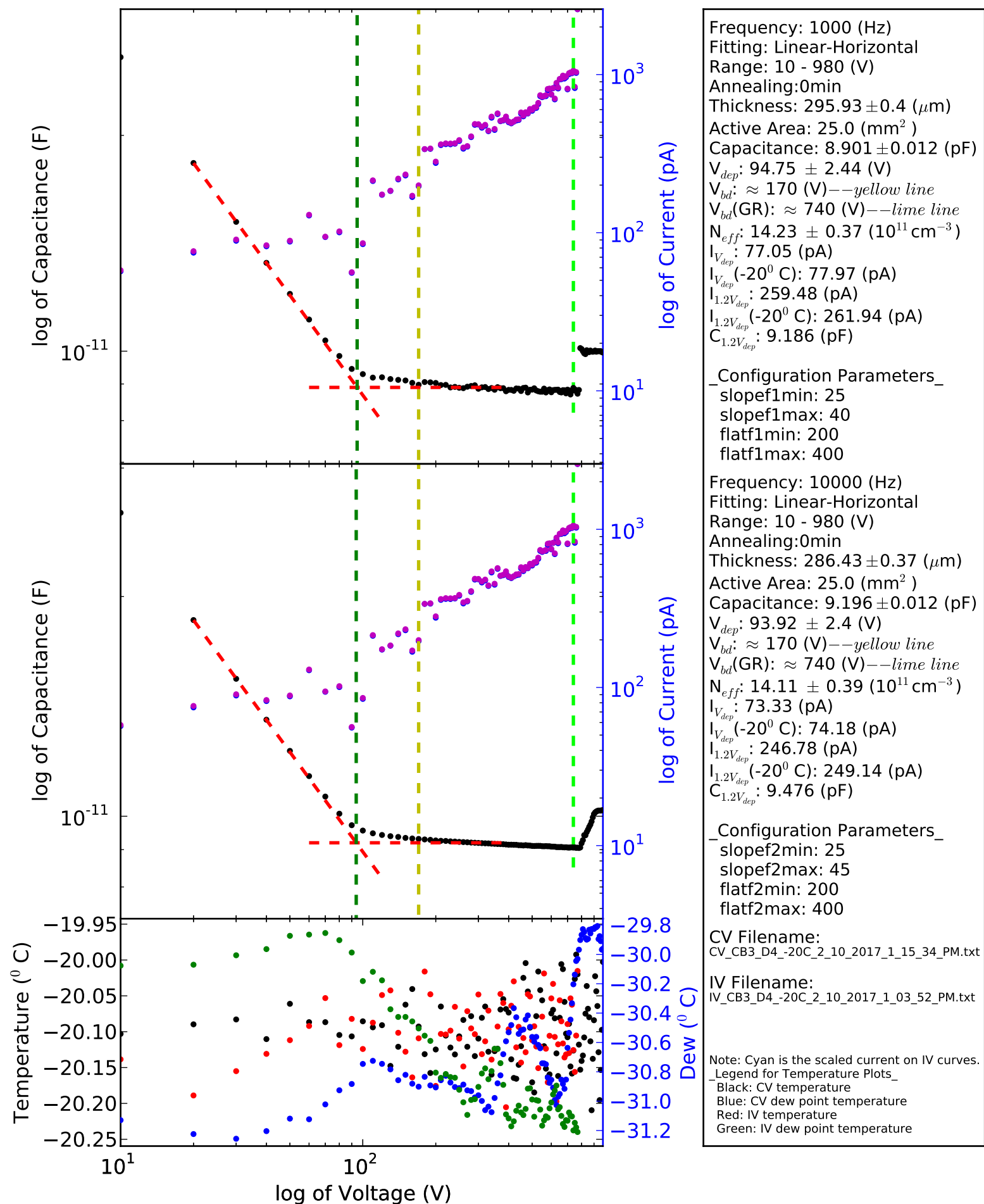
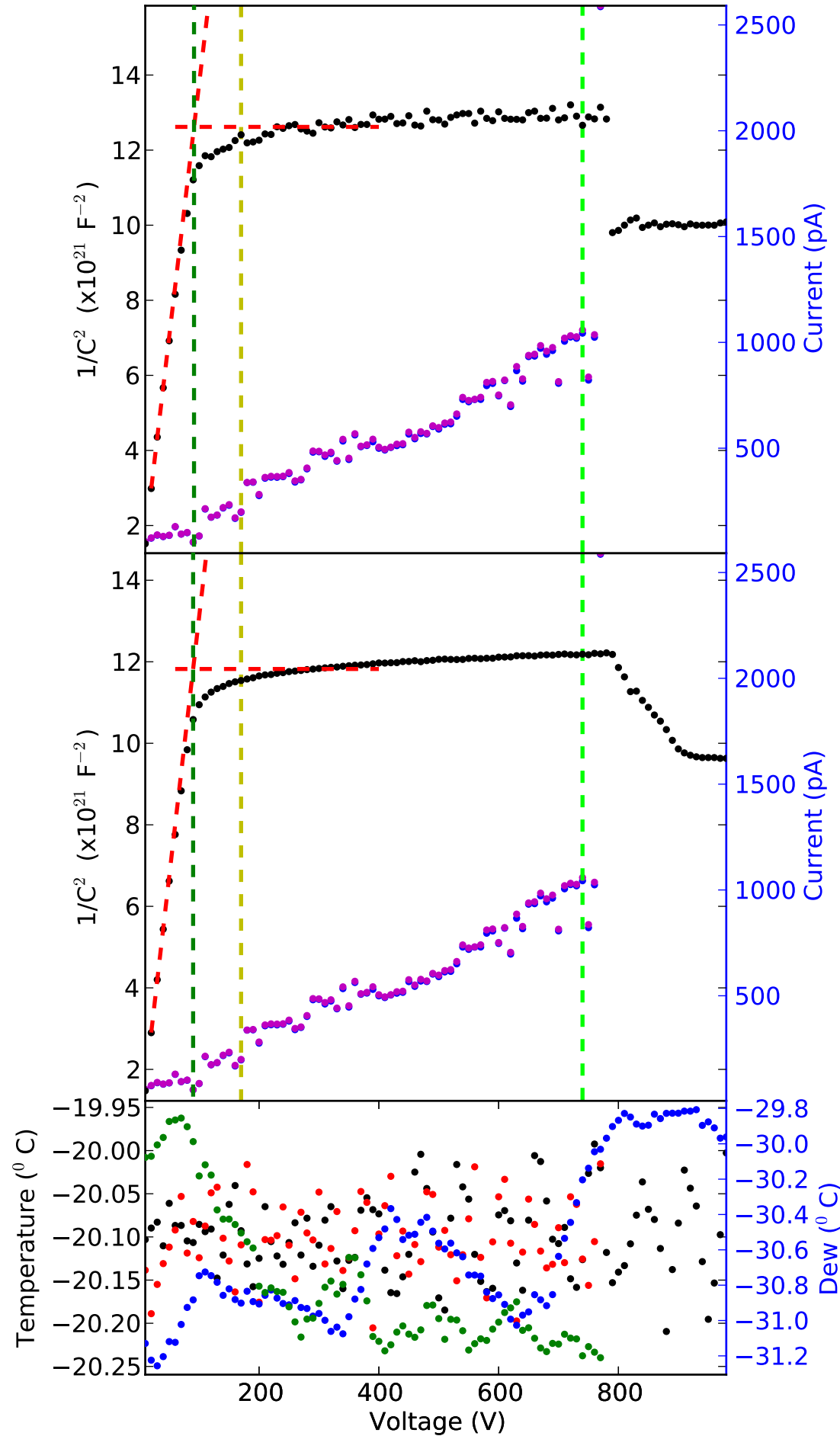


CB3_D4_CV-IV_0min_-20C_Parallel



CB3_D4_CV-IV_0min_-20C_Parallel



Frequency: 1000 (Hz)
 Fitting: Linear-Horizontal
 Range: 10 - 980 (V)
 Annealing: 0min
 Thickness: 295.9 ± 0.4 (μm)
 Active Area: 25.0 (mm^2)
 Capacitance: 8.902 ± 0.012 (pF)
 V_{dep} : 91.44 ± 0.41 (V)
 V_{bd} : ≈ 170 (V) — yellow line
 $V_{bd}(\text{GR})$: ≈ 740 (V) — lime line
 N_{eff} : 13.74 ± 0.07 (10^{11} cm^{-3})
 $I_{V_{dep}}$: 62.19 (pA)
 $I_{V_{dep}}(-20^{\circ} \text{ C})$: 62.83 (pA)
 $I_{1.2V_{dep}}$: 112.8 (pA)
 $I_{1.2V_{dep}}(-20^{\circ} \text{ C})$: 114.66 (pA)
 $C_{1.2V_{dep}}$: 9.186 (pF)

Configuration Parameters
 slopef1min: 25
 slopef1max: 40
 flatf1min: 200
 flatf1max: 400

Frequency: 10000 (Hz)
 Fitting: Linear-Horizontal
 Range: 10 - 980 (V)
 Annealing: 0min
 Thickness: 286.42 ± 0.25 (μm)
 Active Area: 25.0 (mm^2)
 Capacitance: 9.197 ± 0.008 (pF)
 V_{dep} : 89.93 ± 0.4 (V)
 V_{bd} : ≈ 170 (V) — yellow line
 $V_{bd}(\text{GR})$: ≈ 740 (V) — lime line
 N_{eff} : 14.42 ± 0.07 (10^{11} cm^{-3})
 $I_{V_{dep}}$: 107.24 (pA)
 $I_{V_{dep}}(-20^{\circ} \text{ C})$: 109.39 (pA)
 $I_{1.2V_{dep}}$: 107.55 (pA)
 $I_{1.2V_{dep}}(-20^{\circ} \text{ C})$: 109.29 (pA)
 $C_{1.2V_{dep}}$: 9.476 (pF)

Configuration Parameters
 slopef2min: 25
 slopef2max: 45
 flatf2min: 200
 flatf2max: 400

CV Filename:
 CV_CB3_D4_-20C_2_10_2017_1_15_34_PM.txt

IV Filename:
 IV_CB3_D4_-20C_2_10_2017_1_03_52_PM.txt

Note: Cyan is the scaled current on IV curves.
 Legend for Temperature Plots
 Black: CV temperature
 Blue: CV dew point temperature
 Red: IV temperature
 Green: IV dew point temperature