

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0442).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0442).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:21:06 2019
HWM used	190221_run17b_hwm
Outcome	success

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### Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	37
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

### **Note**

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

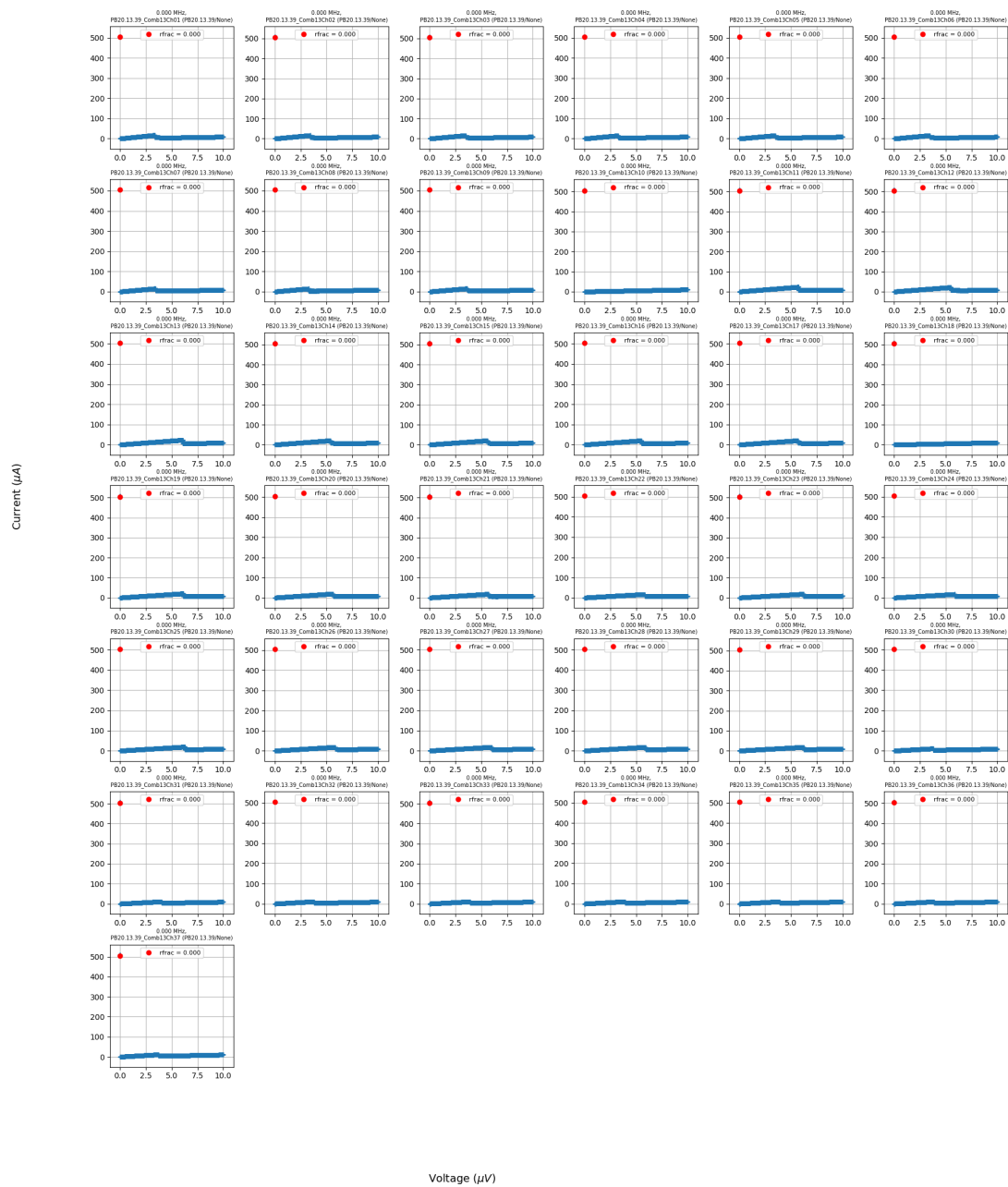
To convert Power values to RMS, divide by 2.

To convert Current or Voltage to RMS, divide by  $\sqrt{2}$ .

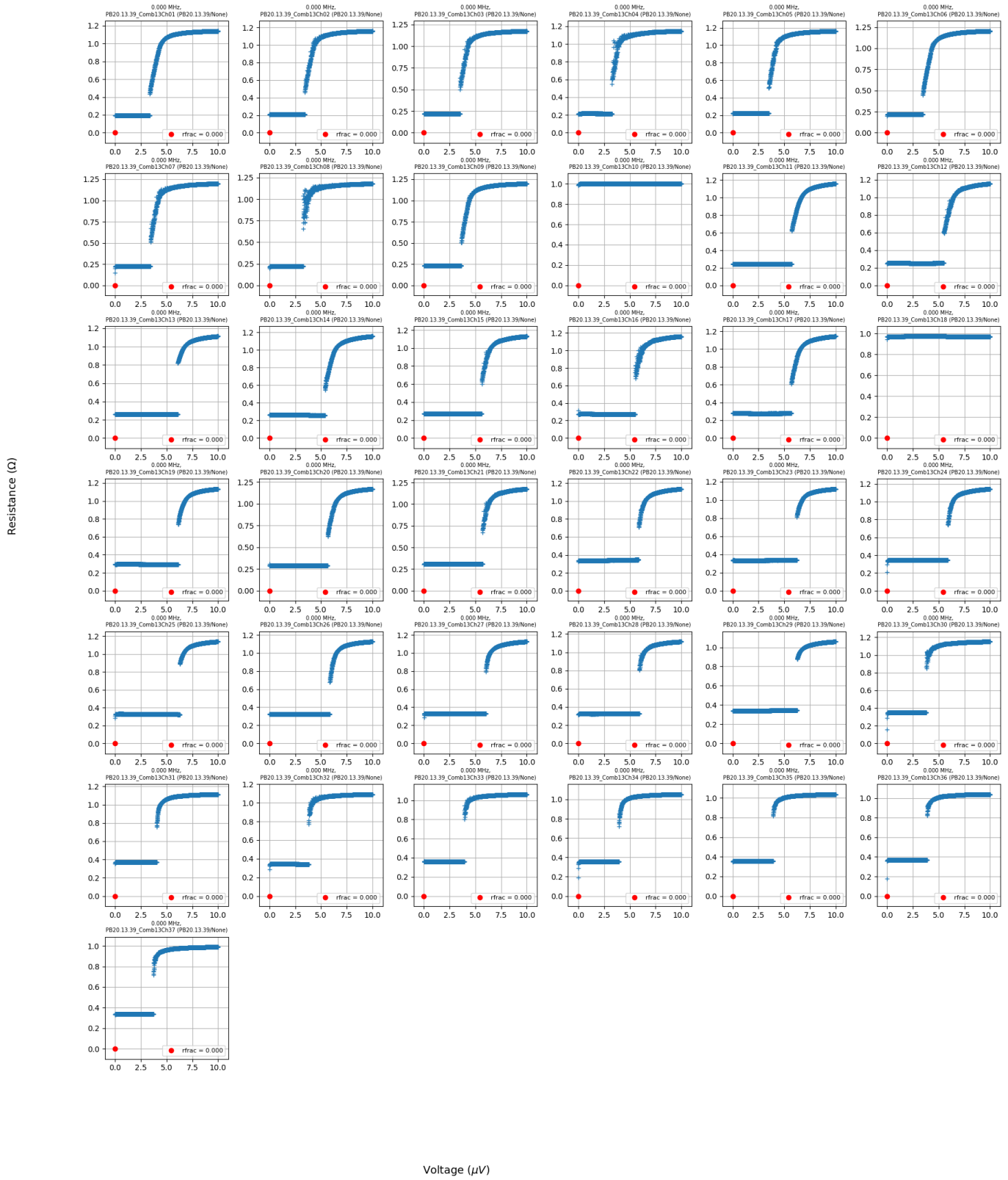
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## Plots

IV Curves for tuned bolometers, final state in red



RV Curves for tuned bolometers, final state in red



R-P Curves for tuned bolometers, final state in red



## Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.39_Comb13C h01	PB20.13.39/None	1623458.86696	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb13C h02	PB20.13.39/None	1670913.70095	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb13C h03	PB20.13.39/None	1719589.23806	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb13C h04	PB20.13.39/None	1774597.17262	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39_Comb13C h05	PB20.13.39/None	1829910.28298	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39_Comb13C h06	PB20.13.39/None	1873703.00759	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39_Comb13C h07	PB20.13.39/None	1922988.89626	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb13C h08	PB20.13.39/None	1982727.05544	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb13C h09	PB20.13.39/None	2043457.03591	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb13C h10	PB20.13.39/None	2113952.64138	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb13C h11	PB20.13.39/None	2158660.89333	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb13C h12	PB20.13.39/None	2270812.99294	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb13C h13	PB20.13.39/None	2405624.39431	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb13C h14	PB20.13.39/None	2454833.98903	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb13C h15	PB20.13.39/ None	2540893.55 934	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb13C h16	PB20.13.39/ None	2585983.28 102	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb13C h17	PB20.13.39/ None	2653579.71 657	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb13C h18	PB20.13.39/ None	2752151.49 391	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb13C h19	PB20.13.39/ None	2814102.17 751	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb13C h20	PB20.13.39/ None	2860260.01 442	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb13C h21	PB20.13.39/ None	2931289.67 751	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb13C h22	PB20.13.39/ None	3044433.59 841	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb13C h23	PB20.13.39/ None	3111724.85 817	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb13C h24	PB20.13.39/ None	3190765.38 552	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb13C h25	PB20.13.39/ None	3264083.86 696	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb13C h26	PB20.13.39/ None	3349761.96 755	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb13C h27	PB20.13.39/ None	3400802.61 696	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb13C h28	PB20.13.39/ None	3476638.79 86	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb13C h29	PB20.13.39/ None	3599395.75 661	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb13C h30	PB20.13.39/ None	3651504.52 126	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39 _Comb13C h31	PB20.13.39/ None	3734893.80 349	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39 _Comb13C h32	PB20.13.39/ None	3822250.37 087	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.39 _Comb13C h33	PB20.13.39/ None	3957290.65 407	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.39 _Comb13C h34	PB20.13.39/ None	4145584.11 11	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.39 _Comb13C h35	PB20.13.39/ None	4239120.48 806	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.39 _Comb13C h36	PB20.13.39/ None	4288024.90 7	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.39 _Comb13C h37	PB20.13.39/ None	4382934.57 497	0.0000	N/A: target amplitude 0	0.0000