

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0424).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0424).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:31:45 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	29
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.

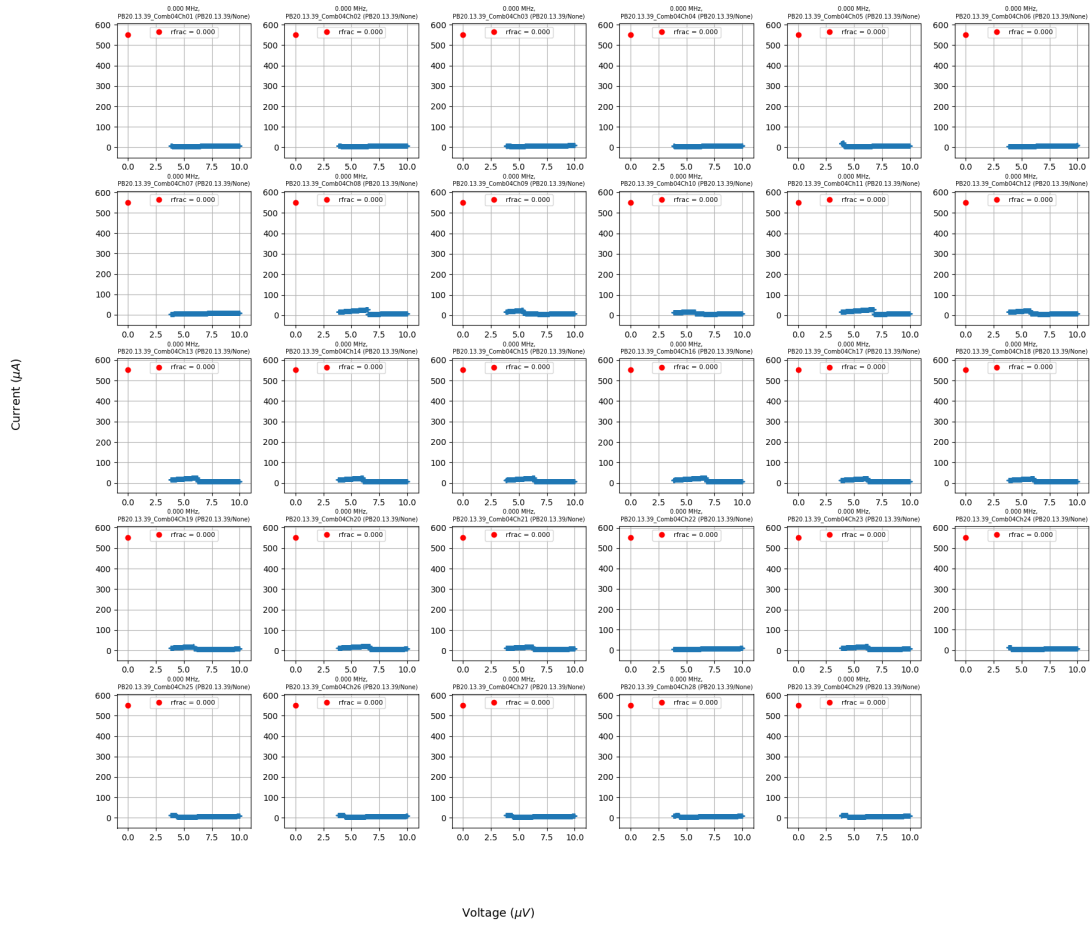
To convert Power values to RMS, divide by 2.

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

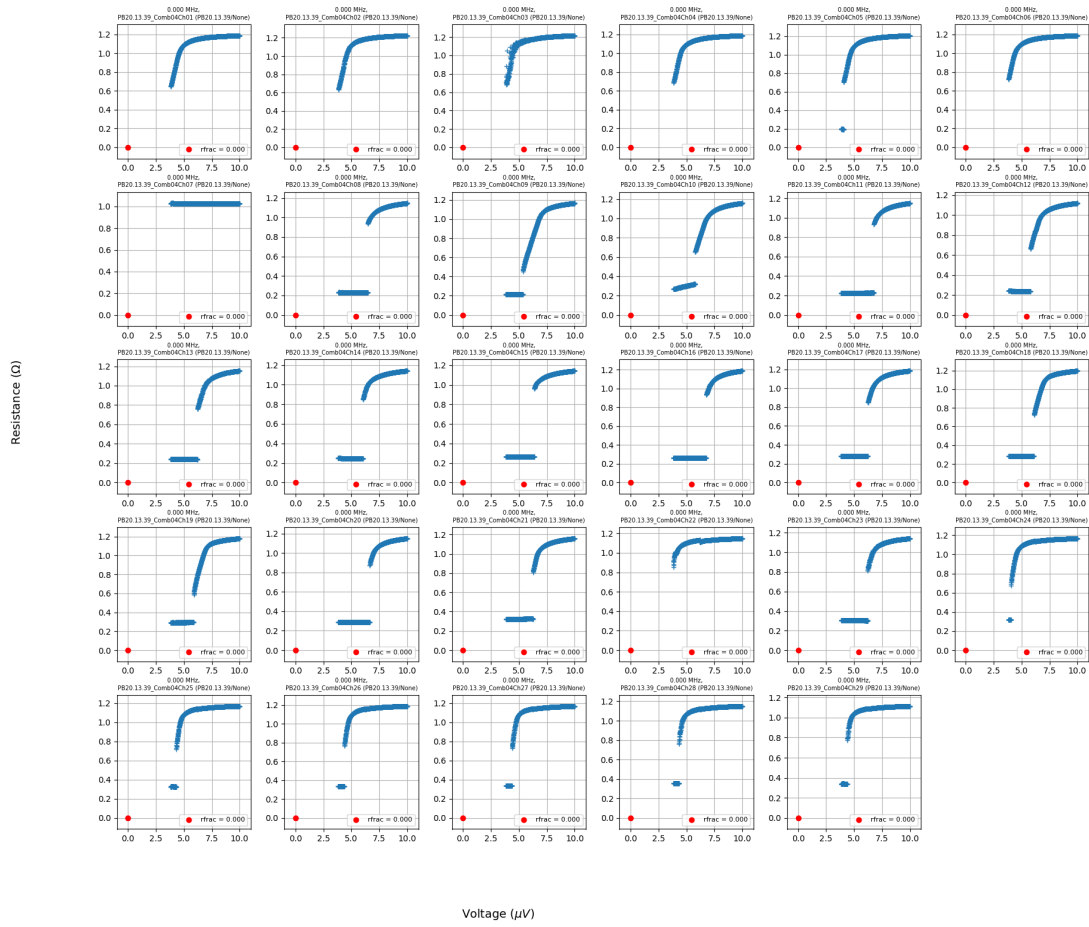
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# Plots

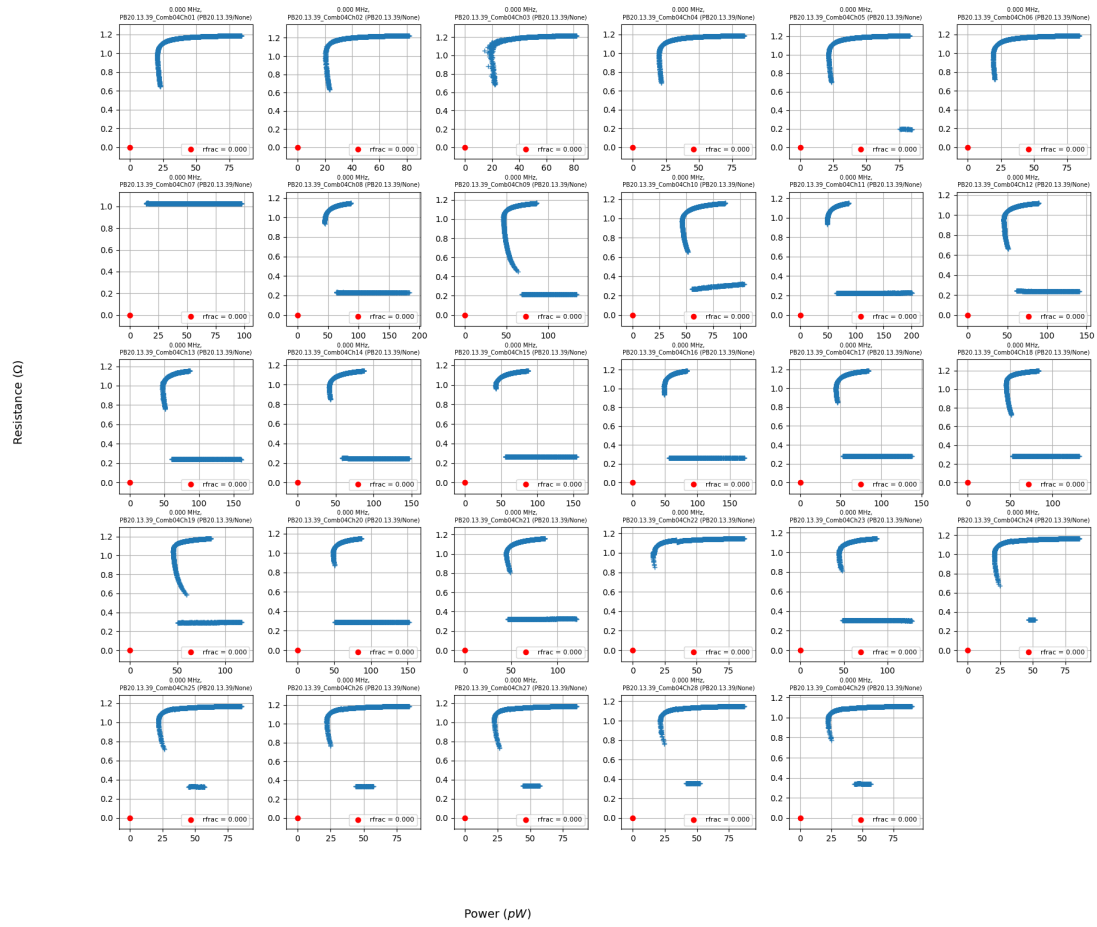
IV Curves for tuned bolometers, final state in red



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_Comb04C h01	PB20.13.39/None	1744308.47634	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb04C h02	PB20.13.39/None	1801147.46559	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb04C h03	PB20.13.39/None	1863555.91286	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb04C h04	PB20.13.39/None	1950683.59841	0.0000	N/A: target amplitude 0	0.0000

5	PB20.13.39 _Comb04C h05	PB20.13.39/ None	2015075.68 825	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39 _Comb04C h06	PB20.13.39/ None	2074127.20 192	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39 _Comb04C h07	PB20.13.39/ None	2147979.74 099	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39 _Comb04C h08	PB20.13.39/ None	2197799.68 727	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39 _Comb04C h09	PB20.13.39/ None	2256774.90 7	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39 _Comb04C h10	PB20.13.39/ None	2309646.61 11	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39 _Comb04C h11	PB20.13.39/ None	2492446.90 407	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39 _Comb04C h12	PB20.13.39/ None	2584762.57 79	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39 _Comb04C h13	PB20.13.39/ None	2620773.32 009	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39 _Comb04C h14	PB20.13.39/ None	2695312.50 466	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.39 _Comb04C h15	PB20.13.39/ None	2905120.85 427	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb04C h16	PB20.13.39/ None	2975921.63 552	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb04C h17	PB20.13.39/ None	3100128.17 849	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb04C h18	PB20.13.39/ None	3233947.75 856	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb04C h19	PB20.13.39/ None	3390884.40 407	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb04C h20	PB20.13.39/ None	3524017.33 864	0.0000	N/A: target amplitude 0	0.0000

21	PB20.13.39 _Comb04C h21	PB20.13.39/ None	3652420.04 86	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb04C h22	PB20.13.39/ None	3790817.26 54	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb04C h23	PB20.13.39/ None	3817443.85 231	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb04C h24	PB20.13.39/ None	3870010.38 063	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb04C h25	PB20.13.39/ None	4021148.68 63	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb04C h26	PB20.13.39/ None	4103698.73 513	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb04C h27	PB20.13.39/ None	4297485.35 622	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb04C h28	PB20.13.39/ None	4356765.75 173	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb04C h29	PB20.13.39/ None	4443588.26 149	0.0000	N/A: target amplitude 0	0.0000