

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0441).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0441).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:21:34 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	39
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.

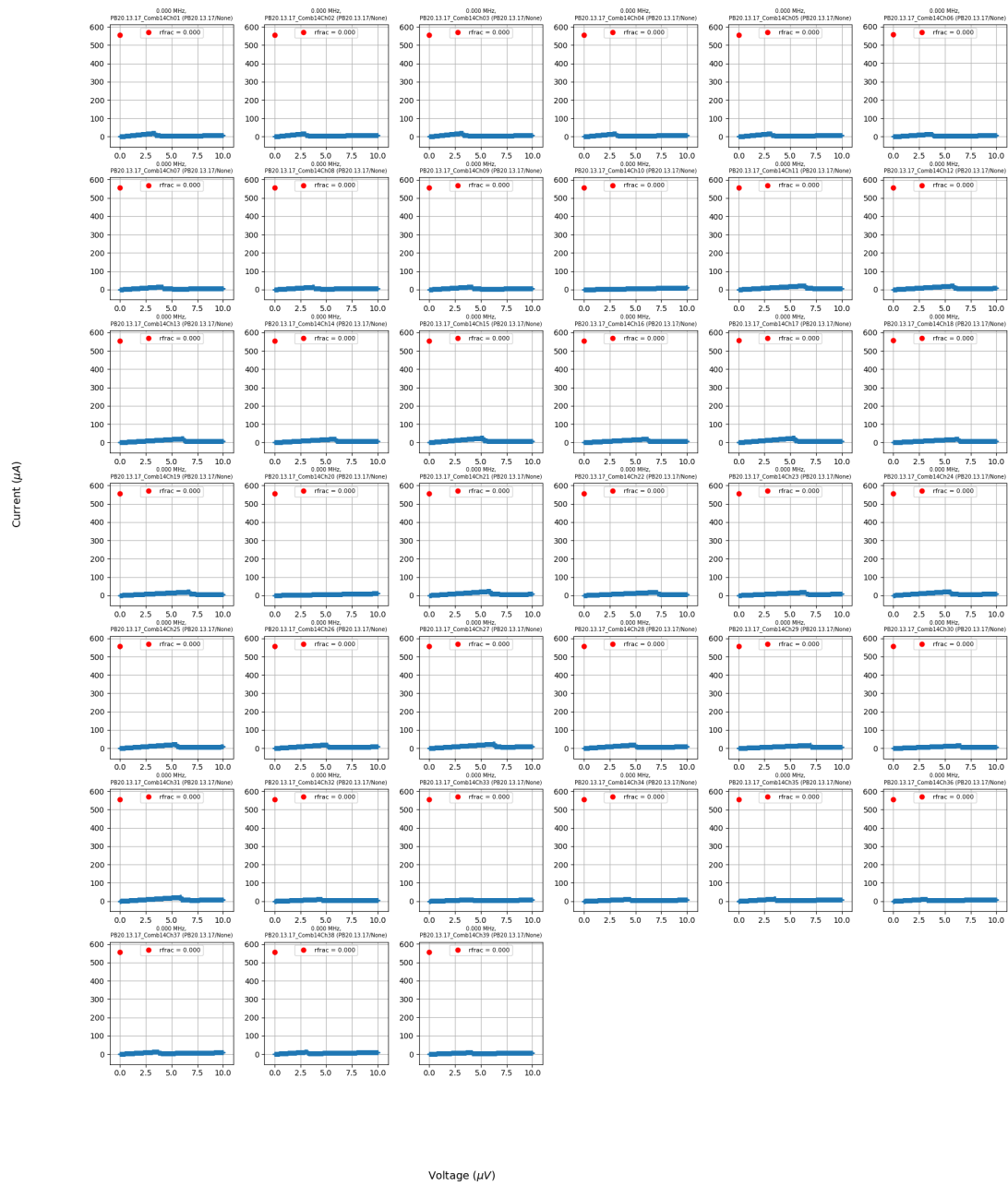
To convert Power values to RMS, divide by 2.

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

Voltage ( $\mu V$ )

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	PB20.13.17 _Comb14C h01	PB20.13.17/ None	1638488.77 419	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17 _Comb14C h02	PB20.13.17/ None	1681900.02 907	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17 _Comb14C h03	PB20.13.17/ None	1734085.08 766	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17 _Comb14C h04	PB20.13.17/ None	1784667.97 341	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17 _Comb14C h05	PB20.13.17/ None	1825485.23 415	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17 _Comb14C h06	PB20.13.17/ None	1887512.21 169	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17 _Comb14C h07	PB20.13.17/ None	1945419.31 618	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17 _Comb14C h08	PB20.13.17/ None	1996231.08 376	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17 _Comb14C h09	PB20.13.17/ None	2053146.36 696	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17 _Comb14C h10	PB20.13.17/ None	2102508.54 958	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17 _Comb14C h11	PB20.13.17/ None	2167816.16 677	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17 _Comb14C h12	PB20.13.17/ None	2227859.50 173	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17 _Comb14C h13	PB20.13.17/ None	2300949.10 134	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17 _Comb14C h14	PB20.13.17/ None	2344131.47 438	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb14C h15	PB20.13.17/ None	2425994.87 77	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb14C h16	PB20.13.17/ None	2483062.74 88	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb14C h17	PB20.13.17/ None	2549209.59 938	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb14C h18	PB20.13.17/ None	2624588.01 735	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb14C h19	PB20.13.17/ None	2682724.00 368	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb14C h20	PB20.13.17/ None	2753372.19 704	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb14C h21	PB20.13.17/ None	2824325.56 618	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb14C h22	PB20.13.17/ None	2899246.22 048	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb14C h23	PB20.13.17/ None	2976150.51 735	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb14C h24	PB20.13.17/ None	3037719.73 122	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb14C h25	PB20.13.17/ None	3133163.45 681	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb14C h26	PB20.13.17/ None	3211441.04 47	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb14C h27	PB20.13.17/ None	3281936.65 016	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb14C h28	PB20.13.17/ None	3370666.50 856	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb14C h29	PB20.13.17/ None	3446960.45 388	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb14C h30	PB20.13.17/ None	3538589.48 22	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb14C h31	PB20.13.17/ None	3615570.07 302	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb14C h32	PB20.13.17/ None	3711013.79 86	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb14C h33	PB20.13.17/ None	3801498.41 774	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb14C h34	PB20.13.17/ None	3890914.92 165	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb14C h35	PB20.13.17/ None	3966751.10 329	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb14C h36	PB20.13.17/ None	4078979.49 684	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17 _Comb14C h37	PB20.13.17/ None	4173507.69 509	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.17 _Comb14C h38	PB20.13.17/ None	4262695.31 716	0.0000	N/A: target amplitude 0	0.0000
39	PB20.13.17 _Comb14C h39	PB20.13.17/ None	4379119.87 77	0.0000	N/A: target amplitude 0	0.0000