

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0426).MGMEZZ04(2,None).ReadoutModule(3)
Reduced target name	IceBoard(0426).Mezz(2).ReadoutModule(3)
Date	Mon Feb 25 17:33:58 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  $\sqrt{2}$ .

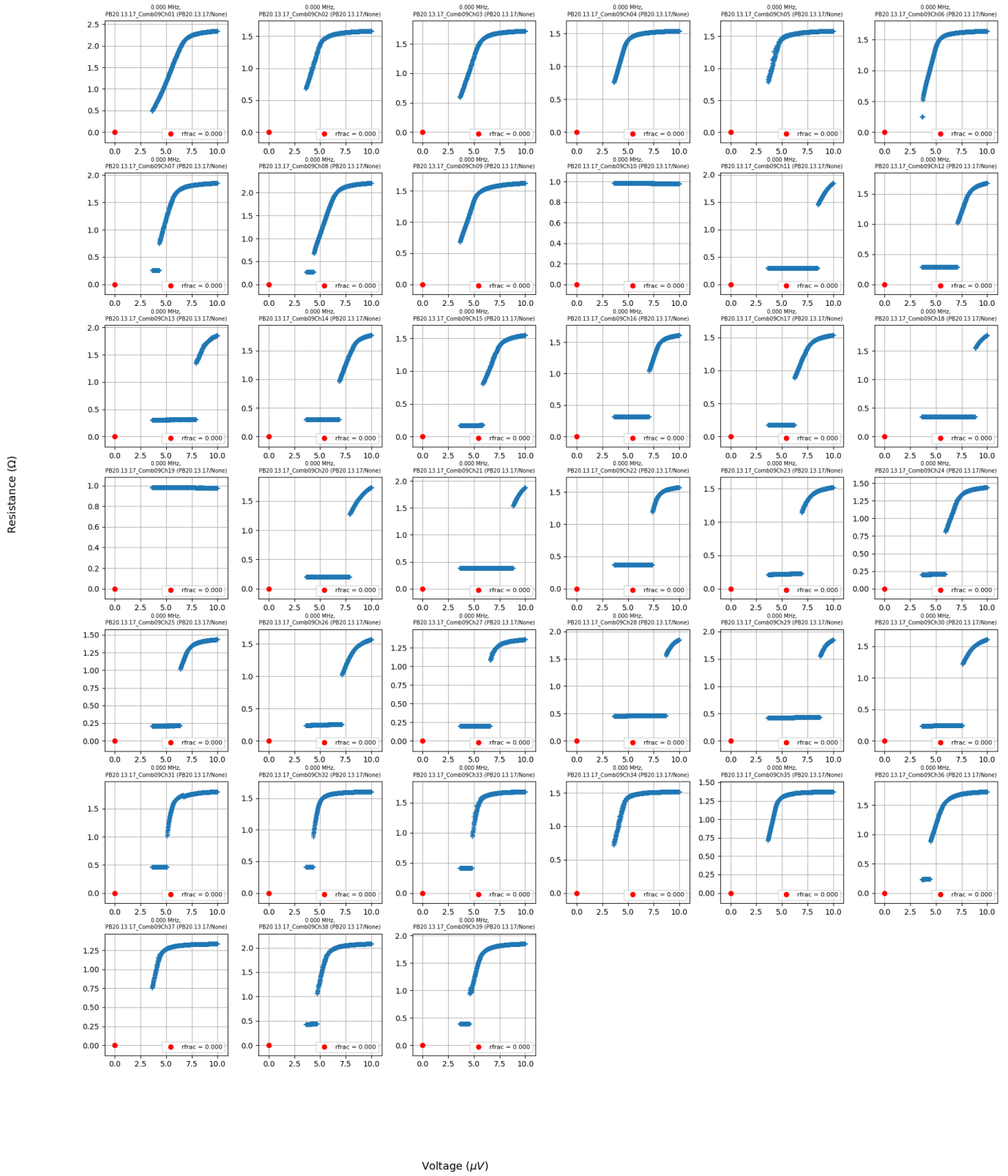
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# Plots

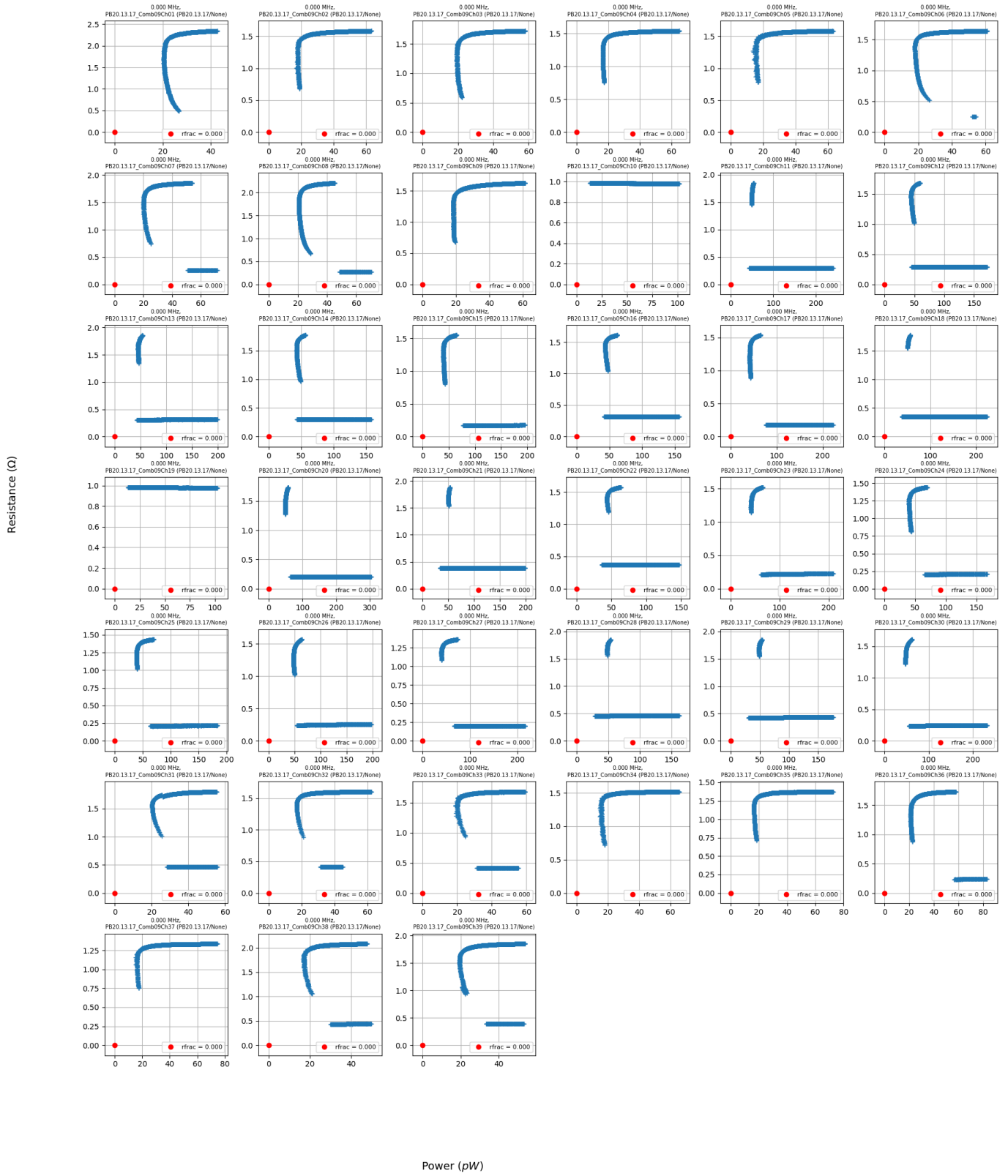
IV Curves for tuned bolometers, final state in red



RV Curves for tuned bolometers, final state in red



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_Comb09C h01	PB20.13.17/None	1637268.07106	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb09C h02	PB20.13.17/None	1684112.55349	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb09C h03	PB20.13.17/None	1728897.09938	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb09C h04	PB20.13.17/None	1781921.39137	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb09C h05	PB20.13.17/None	1827545.17067	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb09C h06	PB20.13.17/None	1889572.14821	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb09C h07	PB20.13.17/None	1946334.84352	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb09C h08	PB20.13.17/None	1996459.96559	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb09C h09	PB20.13.17/None	2053985.60036	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb09C h10	PB20.13.17/None	2105941.77712	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb09C h11	PB20.13.17/None	2164230.35134	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb09C h12	PB20.13.17/None	2225646.97731	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb09C h13	PB20.13.17/None	2299728.39821	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb09C h14	PB20.13.17/None	2347488.40798	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb09C h15	PB20.13.17/ None	2420654.30 153	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb09C h16	PB20.13.17/ None	2491836.55 251	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb09C h17	PB20.13.17/ None	2550277.71 462	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb09C h18	PB20.13.17/ None	2696075.44 411	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb09C h19	PB20.13.17/ None	2754135.13 649	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb09C h20	PB20.13.17/ None	2826080.32 692	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb09C h21	PB20.13.17/ None	2910003.66 677	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb09C h22	PB20.13.17/ None	2985610.96 657	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb09C h23	PB20.13.17/ None	3036270.14 626	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb09C h24	PB20.13.17/ None	3129730.22 927	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb09C h25	PB20.13.17/ None	3194580.08 278	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb09C h26	PB20.13.17/ None	3291931.15 7	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb09C h27	PB20.13.17/ None	3374862.67 556	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb09C h28	PB20.13.17/ None	3446884.15 993	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb09C h29	PB20.13.17/ None	3525924.68 727	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb09C h30	PB20.13.17/ None	3626251.22 536	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb09C h31	PB20.13.17/ None	3718032.84 157	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb09C h32	PB20.13.17/ None	3810806.27 907	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb09C h33	PB20.13.17/ None	3894500.73 708	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb09C h34	PB20.13.17/ None	3969879.15 505	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb09C h35	PB20.13.17/ None	4063568.11 989	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb09C h36	PB20.13.17/ None	4178009.03 786	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17 _Comb09C h37	PB20.13.17/ None	4270172.12 38	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.17 _Comb09C h38	PB20.13.17/ None	4347915.65 407	0.0000	N/A: target amplitude 0	0.0000
39	PB20.13.17 _Comb09C h39	PB20.13.17/ None	4364242.55 837	0.0000	N/A: target amplitude 0	0.0000