Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0439).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0439).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:22:20 2019
HWM used	190221_run17b_hwm
Outcome	success

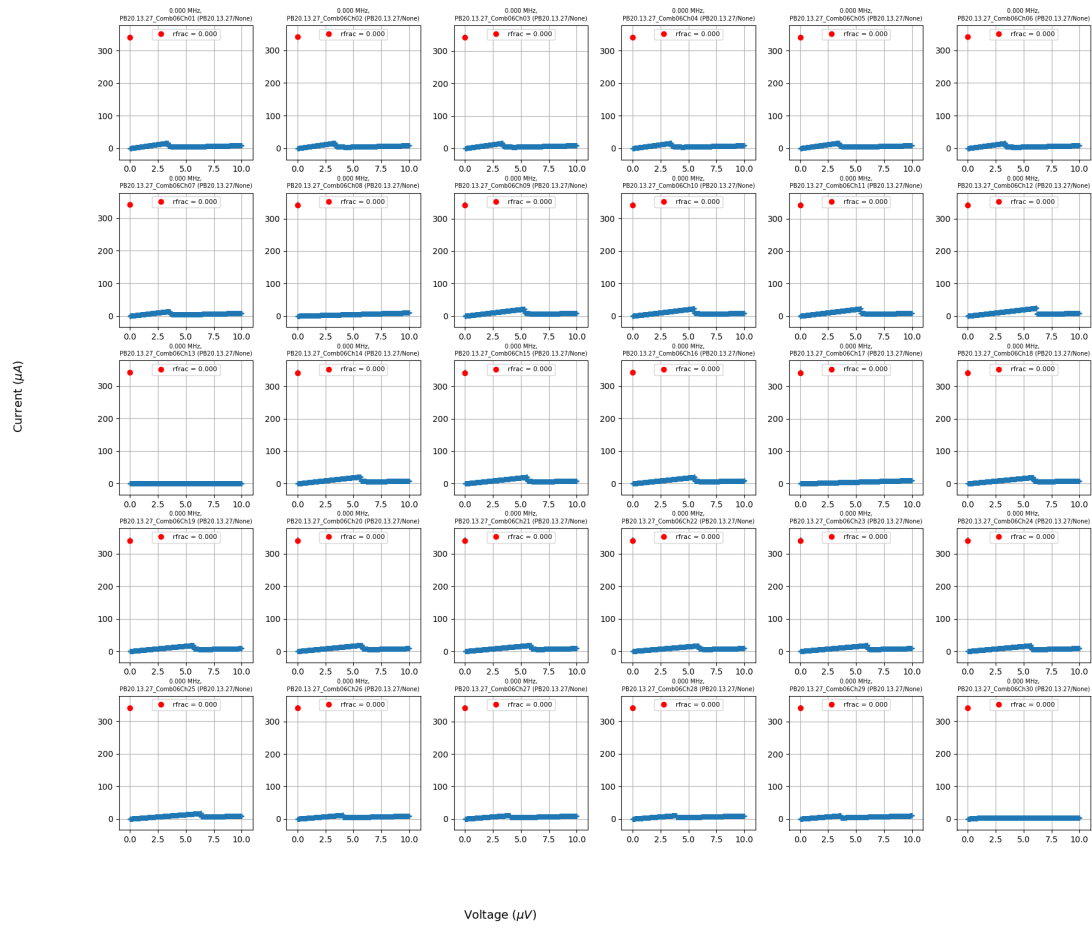| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	30
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.
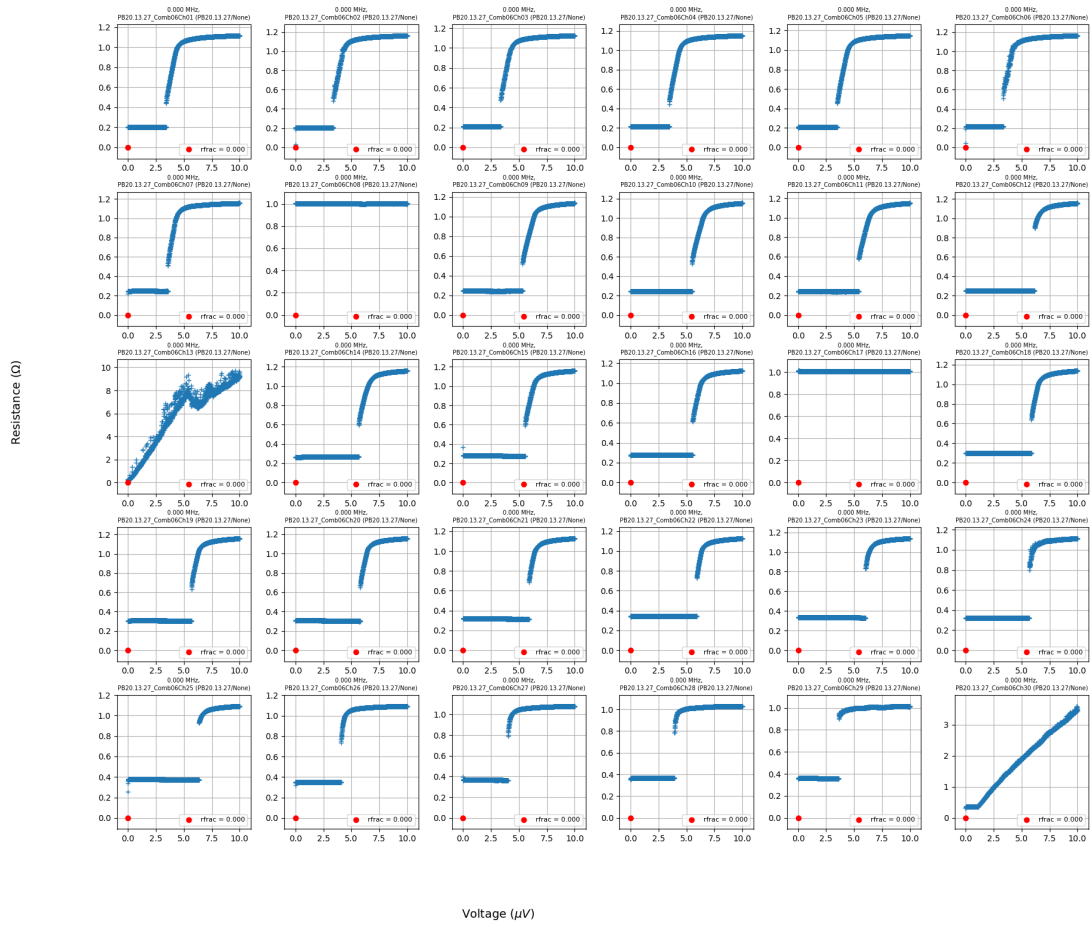
To convert Power values to RMS, divide by 2.

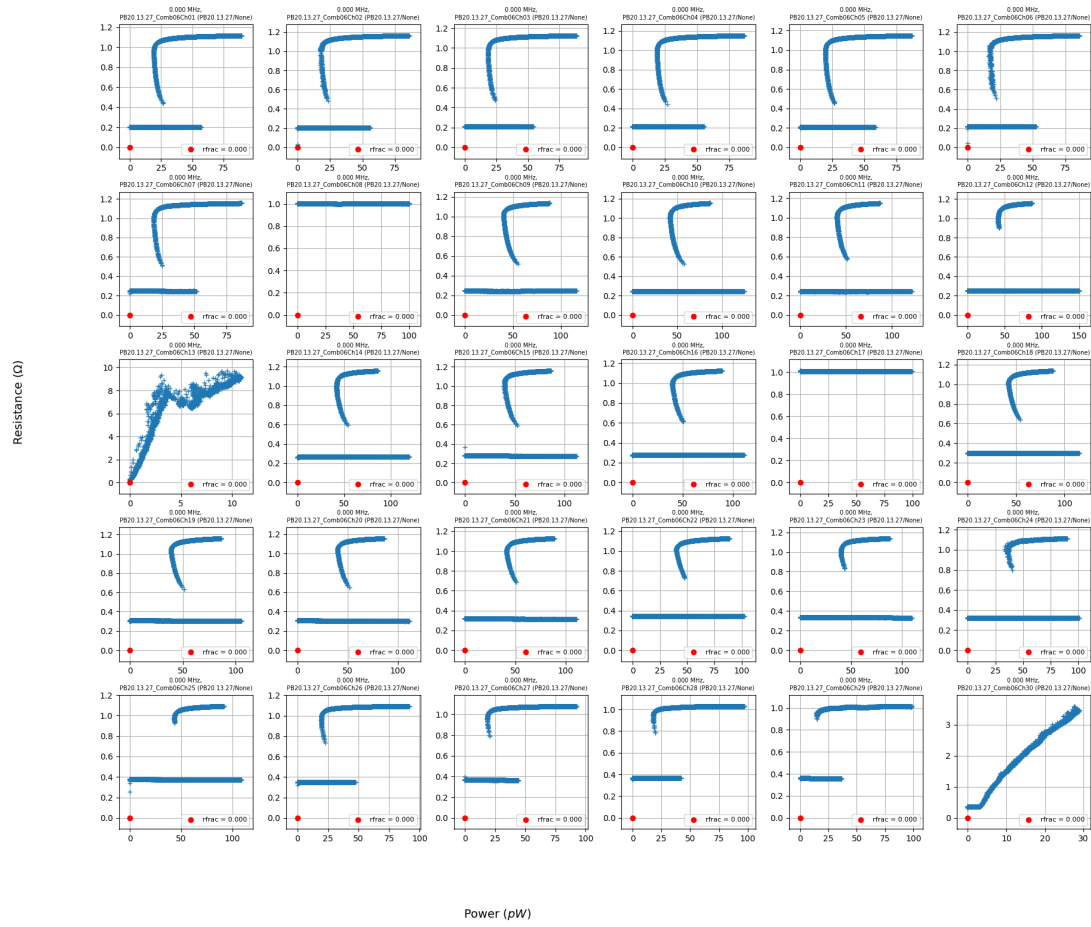To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

Resistance (Ω)

Voltage (μV)

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

Resistance (Ω)

Power (*pW*)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.27 _Comb06C h01	PB20.13.27/ None	1614685.06 325	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27 _Comb06C h02	PB20.13.27/ None	1662292.48 512	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27 _Comb06C h03	PB20.13.27/ None	1767807.01 149	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27 _Comb06C h04	PB20.13.27/ None	1815719.60 915	0.0000	N/A: target amplitude 0	0.0000

5	PB20.13.27 _Comb06C h05	PB20.13.27/ None	1869049.07 692	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27 _Comb06C h06	PB20.13.27/ None	1910476.68 923	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27 _Comb06C h07	PB20.13.27/ None	1974868.77 907	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27 _Comb06C h08	PB20.13.27/ None	2100677.49 489	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27 _Comb06C h09	PB20.13.27/ None	2145156.86 501	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27 _Comb06C h10	PB20.13.27/ None	2206420.90 309	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27 _Comb06C h11	PB20.13.27/ None	2259521.48 903	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27 _Comb06C h12	PB20.13.27/ None	2324905.40 016	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27 _Comb06C h13	PB20.13.27/ None	2390441.89 919	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27 _Comb06C h14	PB20.13.27/ None	2436141.97 243	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.27 _Comb06C h15	PB20.13.27/ None	2525405.88 845	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb06C h16	PB20.13.27/ None	2635955.81 52	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb06C h17	PB20.13.27/ None	2738571.17 165	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb06C h18	PB20.13.27/ None	2806472.78 298	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb06C h19	PB20.13.27/ None	2849197.39 235	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb06C h20	PB20.13.27/ None	2920227.05 544	0.0000	N/A: target amplitude 0	0.0000

21	PB20.13.27_Comb06Ch21	PB20.13.27/None	3098678.59352	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb06Ch22	PB20.13.27/None	3248062.13845	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb06Ch23	PB20.13.27/None	3326110.8445	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb06Ch24	PB20.13.27/None	3392257.69509	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb06Ch25	PB20.13.27/None	3578262.33376	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb06Ch26	PB20.13.27/None	3725509.64821	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb06Ch27	PB20.13.27/None	3940277.10427	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb06Ch28	PB20.13.27/None	4211502.07985	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb06Ch29	PB20.13.27/None	4264831.54762	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb06Ch30	PB20.13.27/None	4359741.21559	0.0000	N/A: target amplitude 0	0.0000