Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0441).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0441).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:34:10 2019
HWM used	190221_run17b_hwm
Outcome	success

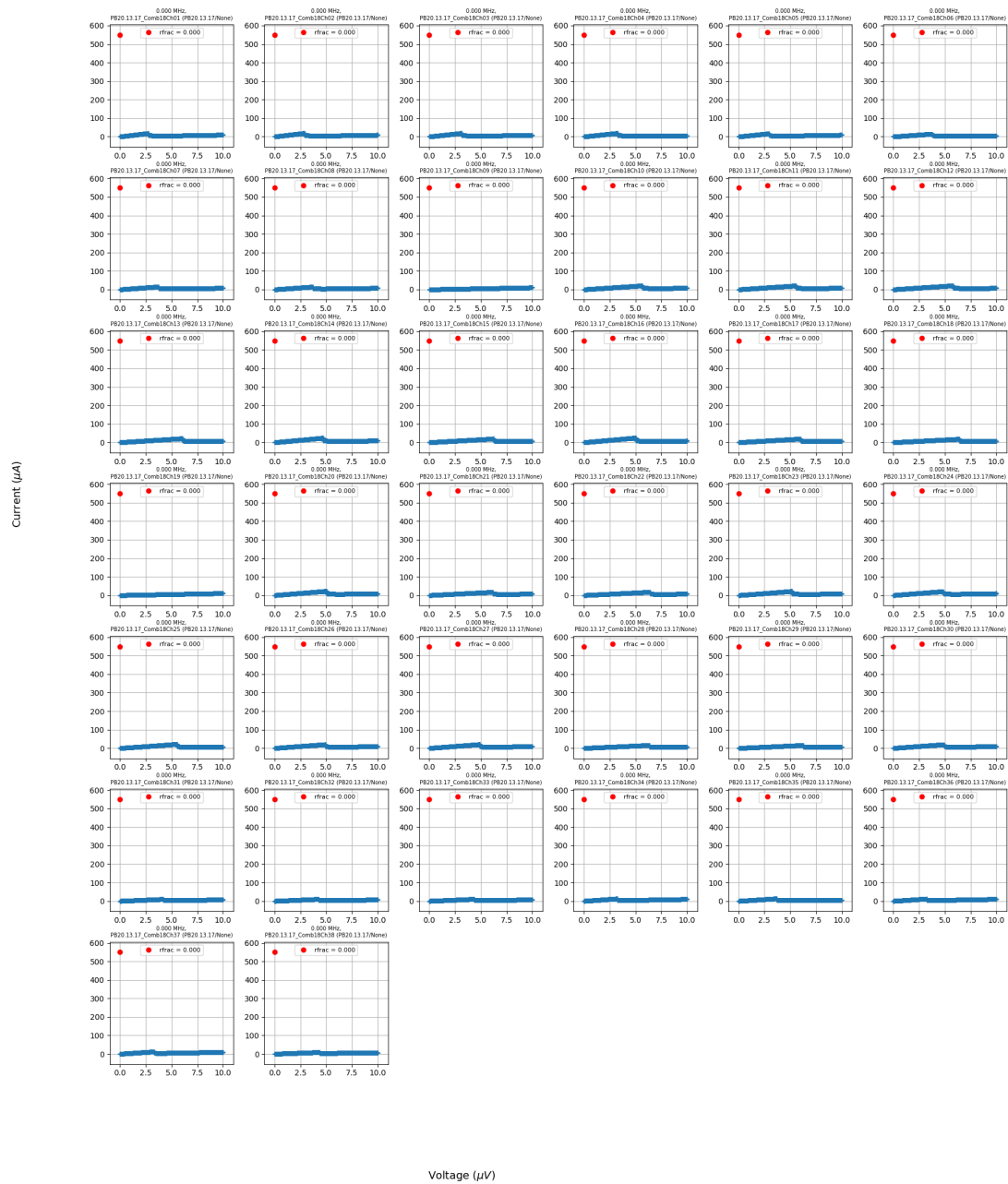| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	38
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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

To convert Power values to RMS, divide by 2.

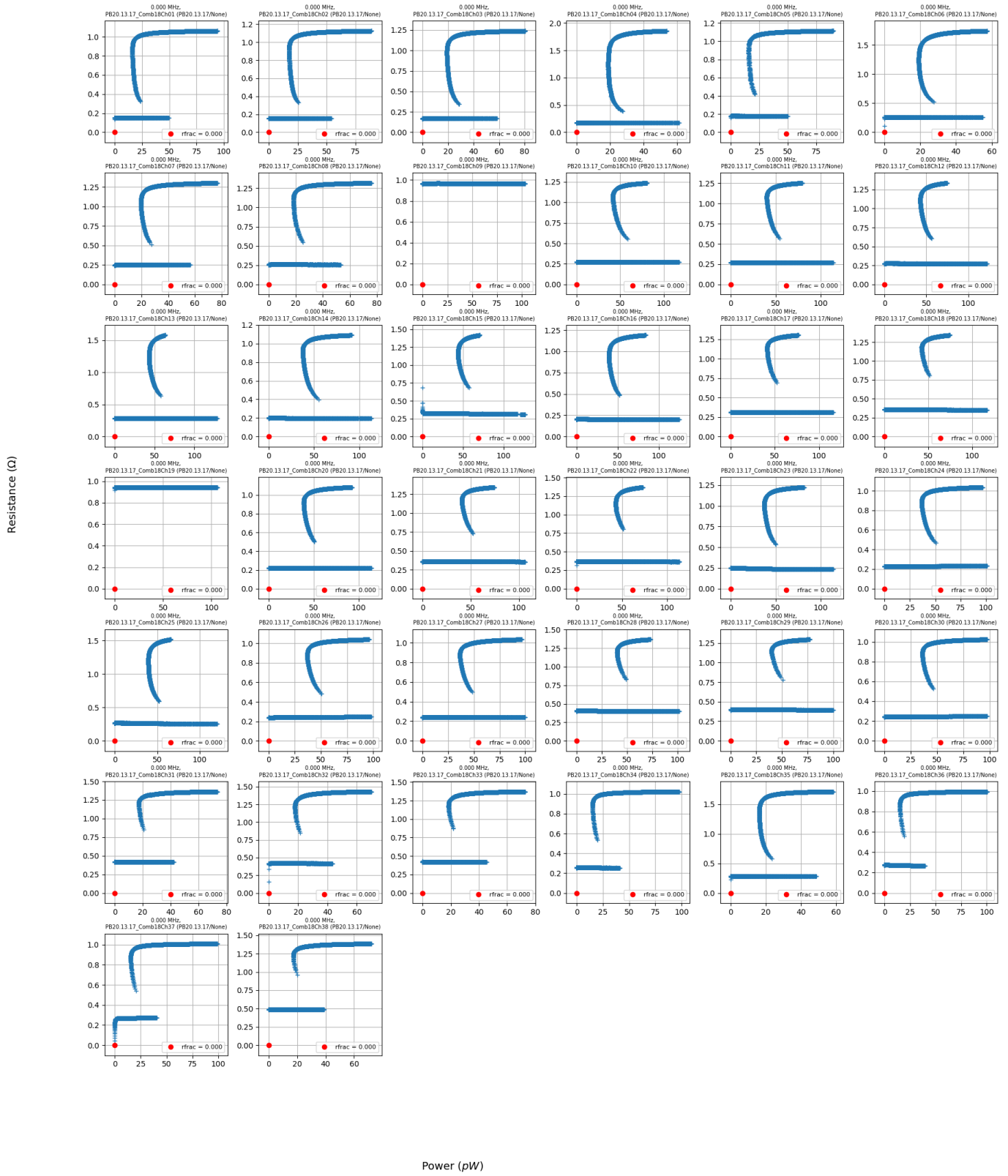To convert Current or Voltage to RMS, divide by sqrt(2).

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

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.17 _Comb18C h01	PB20.13.17/ None	1652603.15 407	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17 _Comb18C h02	PB20.13.17/ None	1690444.95 095	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17 _Comb18C h03	PB20.13.17/ None	1732940.67 849	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17 _Comb18C h04	PB20.13.17/ None	1791992.19 216	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17 _Comb18C h05	PB20.13.17/ None	1841888.43 239	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17 _Comb18C h06	PB20.13.17/ None	1903457.64 626	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17 _Comb18C h07	PB20.13.17/ None	2011795.04 86	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17 _Comb18C h08	PB20.13.17/ None	2069778.44 704	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17 _Comb18C h09	PB20.13.17/ None	2117004.39 919	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17 _Comb18C h10	PB20.13.17/ None	2187423.71 071	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17 _Comb18C h11	PB20.13.17/ None	2246780.40 016	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17 _Comb18C h12	PB20.13.17/ None	2307281.49 88	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17 _Comb18C h13	PB20.13.17/ None	2364044.19 411	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17 _Comb18C h14	PB20.13.17/ None	2428054.81 423	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb18C h15	PB20.13.17/ None	2483062.74 88	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb18C h16	PB20.13.17/ None	2569732.67 067	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb18C h17	PB20.13.17/ None	2620239.26 247	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb18C h18	PB20.13.17/ None	2690734.86 794	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb18C h19	PB20.13.17/ None	2773818.97 438	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb18C h20	PB20.13.17/ None	2846832.28 005	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb18C h21	PB20.13.17/ None	2913513.18 825	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb18C h22	PB20.13.17/ None	2986984.25 759	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb18C h23	PB20.13.17/ None	3063430.79 079	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb18C h24	PB20.13.17/ None	3145141.60 622	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb18C h25	PB20.13.17/ None	3209686.28 395	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb18C h26	PB20.13.17/ None	3293380.74 196	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb18C h27	PB20.13.17/ None	3371505.74 196	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb18C h28	PB20.13.17/ None	3474197.39 235	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb18C h29	PB20.13.17/ None	3543167.11 891	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb18C h30	PB20.13.17/ None	3624496.46 462	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb18C h31	PB20.13.17/ None	3727569.58 474	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb18C h32	PB20.13.17/ None	3817291.26 442	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb18C h33	PB20.13.17/ None	3888626.10 329	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb18C h34	PB20.13.17/ None	4000396.73 317	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb18C h35	PB20.13.17/ None	4085159.30 641	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb18C h36	PB20.13.17/ None	4193038.94 509	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17 _Comb18C h37	PB20.13.17/ None	4271469.12 087	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.17 _Comb18C h38	PB20.13.17/ None	4392242.43 63	0.0000	N/A: target amplitude 0	0.0000