Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0416).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0416).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:33:46 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	34
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

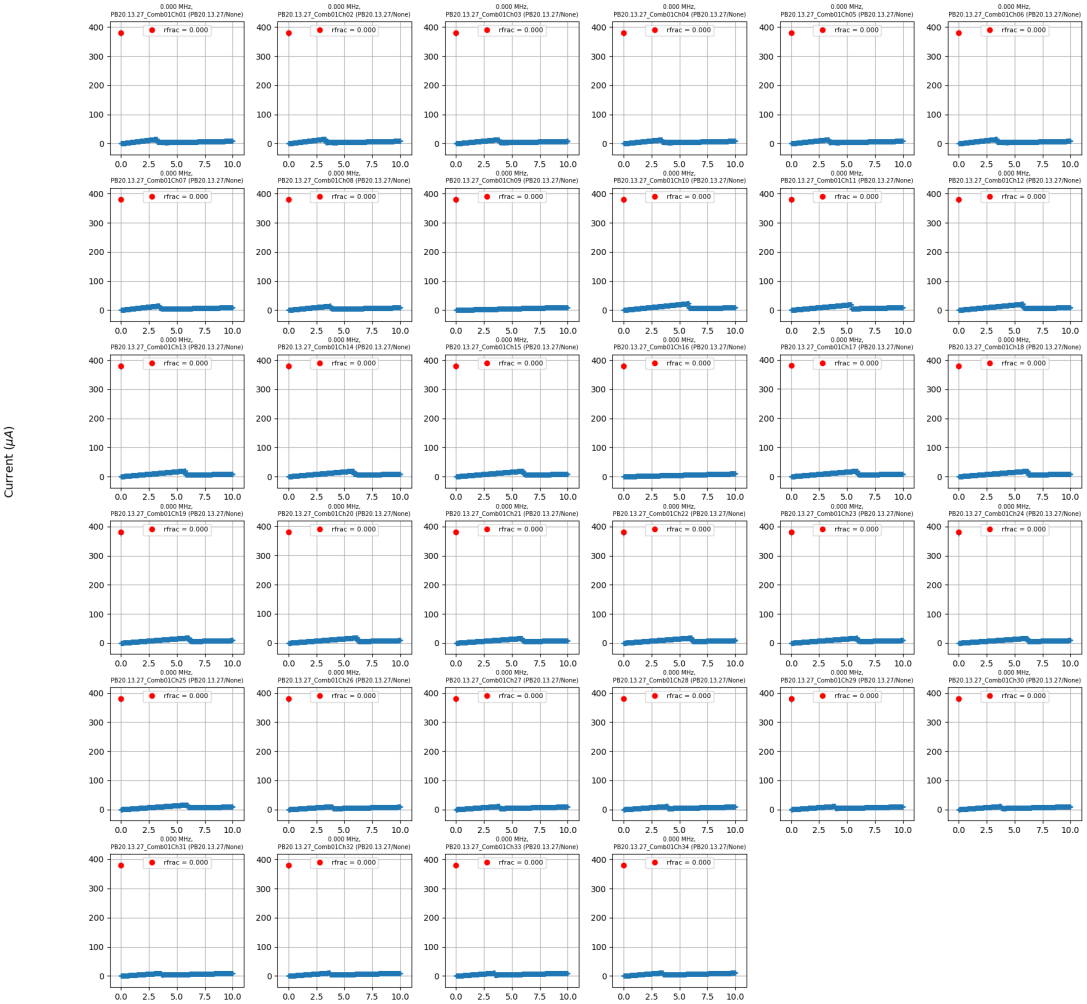
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

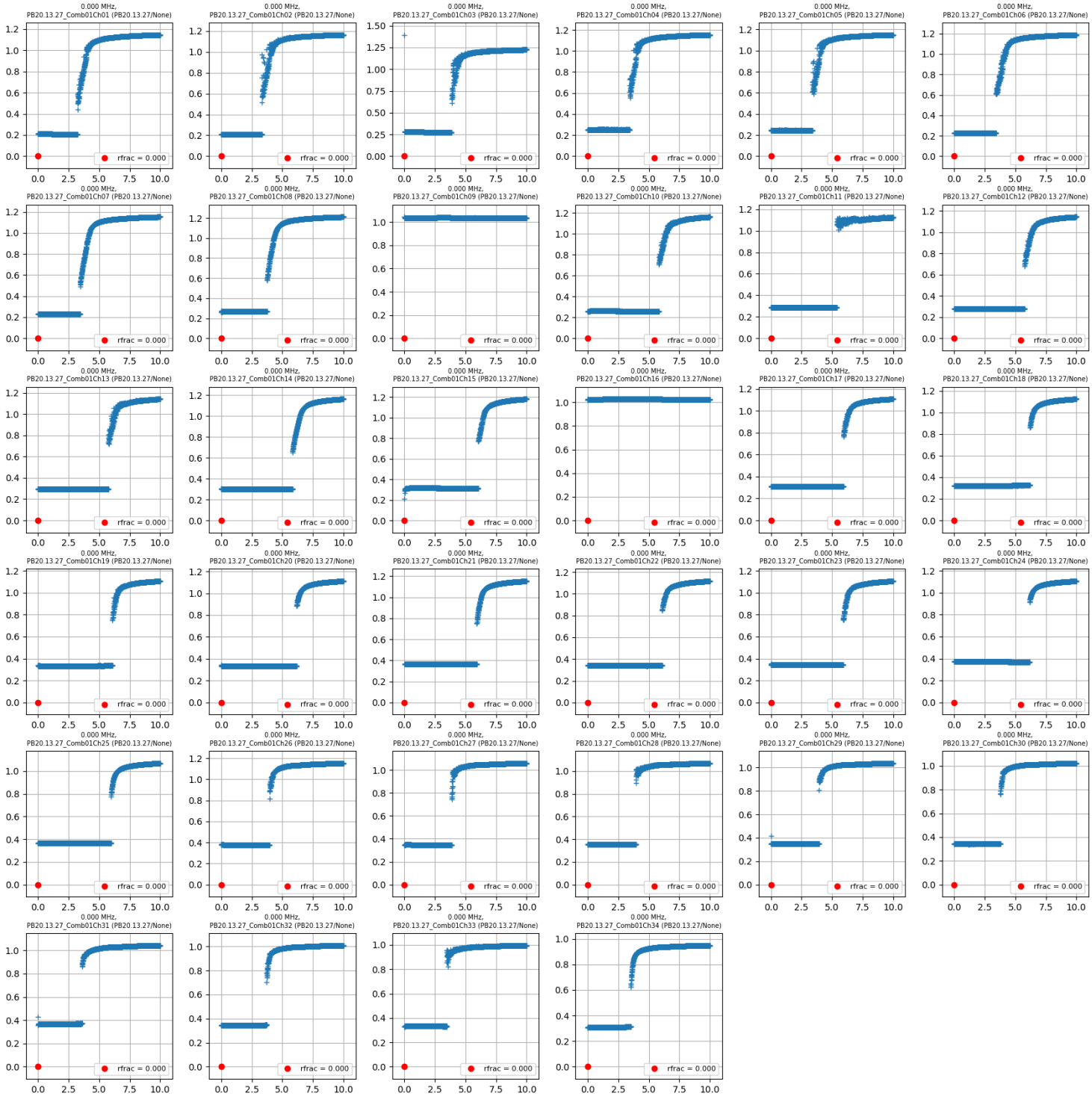
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

IV Curves for tuned bolometers, final state in red

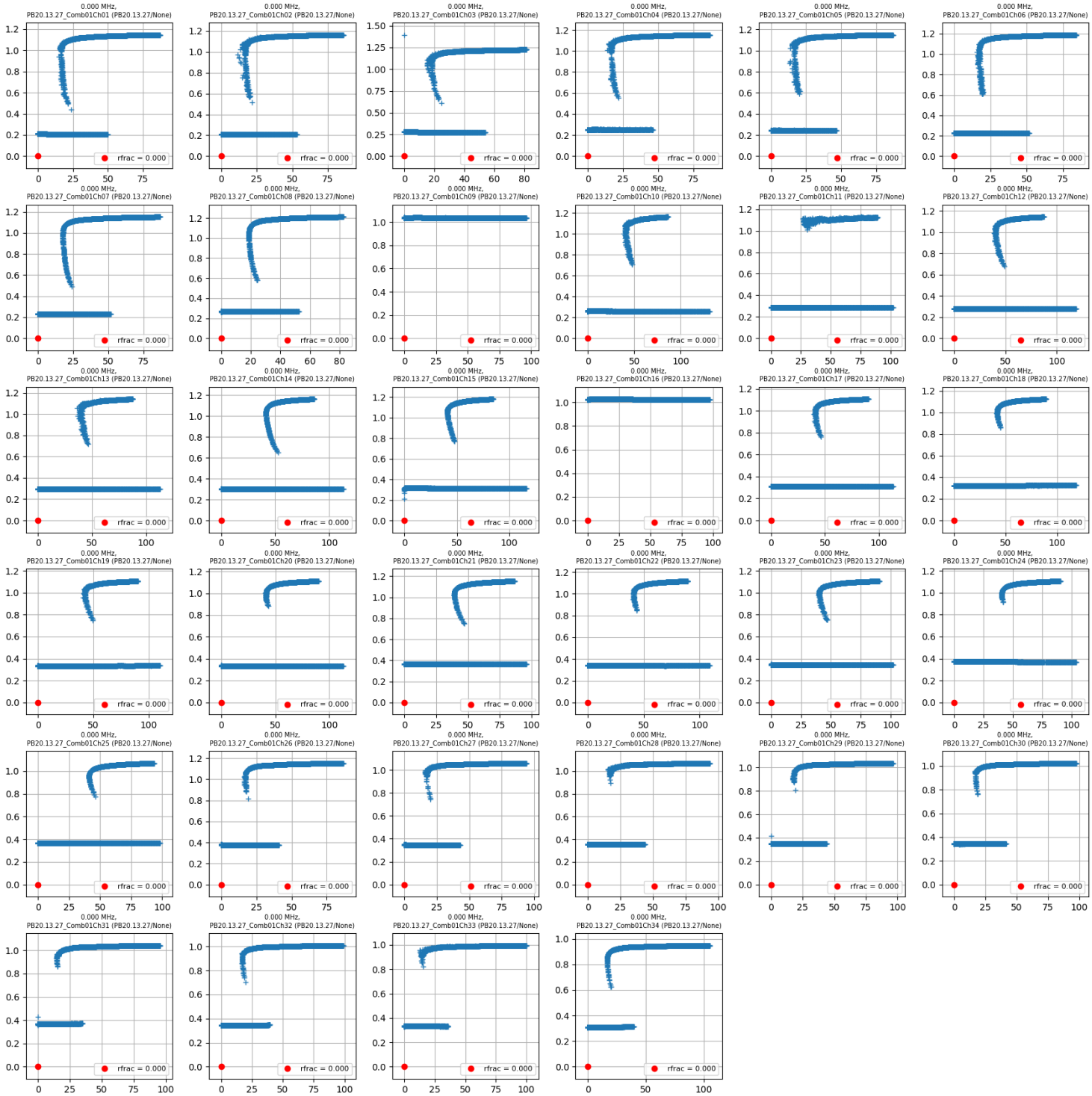


RV Curves for tuned bolometers, final state in red



Voltage (μV)

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



Power (pW)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.27_Comb01Ch01	PB20.13.27/None	1623382.57302	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb01Ch02	PB20.13.27/None	1671371.46462	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb01Ch03	PB20.13.27/None	1723251.34743	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb01Ch04	PB20.13.27/None	1778411.86989	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb01Ch05	PB20.13.27/None	1834793.09548	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb01Ch06	PB20.13.27/None	1873474.12575	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb01Ch07	PB20.13.27/None	1989364.62868	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb01Ch08	PB20.13.27/None	2034072.88063	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb01Ch09	PB20.13.27/None	2125244.14528	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb01Ch10	PB20.13.27/None	2218399.05251	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb01Ch11	PB20.13.27/None	2411346.4402	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb01Ch12	PB20.13.27/None	2457580.57106	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb01Ch13	PB20.13.27/None	2541885.38063	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb01Ch14	PB20.13.27/None	2589263.92067	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb01Ch15	PB20.13.27/None	2647323.61306	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb01Ch16	PB20.13.27/None	2756500.2488	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb01Ch17	PB20.13.27/None	2935256.96266	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb01Ch18	PB20.13.27/None	3049240.11696	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb01Ch19	PB20.13.27/None	3122940.06813	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb01Ch20	PB20.13.27/None	3190155.03395	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb01Ch21	PB20.13.27/None	3264389.04274	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb01Ch22	PB20.13.27/None	3351058.96462	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb01Ch23	PB20.13.27/None	3410491.94802	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb01Ch24	PB20.13.27/None	3491897.58766	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb01Ch25	PB20.13.27/None	3597335.82009	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb01Ch26	PB20.13.27/None	3644485.47829	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb01Ch27	PB20.13.27/None	3738937.38259	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb01Ch28	PB20.13.27/None	3824386.60134	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb01Ch29	PB20.13.27/None	3971786.50368	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb01Ch30	PB20.13.27/None	4054183.96462	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27_Comb01Ch31	PB20.13.27/None	4145889.28688	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27_Comb01Ch32	PB20.13.27/None	4242019.65798	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27_Comb01Ch33	PB20.13.27/None	4298934.94118	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27_Comb01Ch34	PB20.13.27/None	4396820.07302	0.0000	N/A: target amplitude 0	0.0000