Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0439).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0439).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:25:13 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

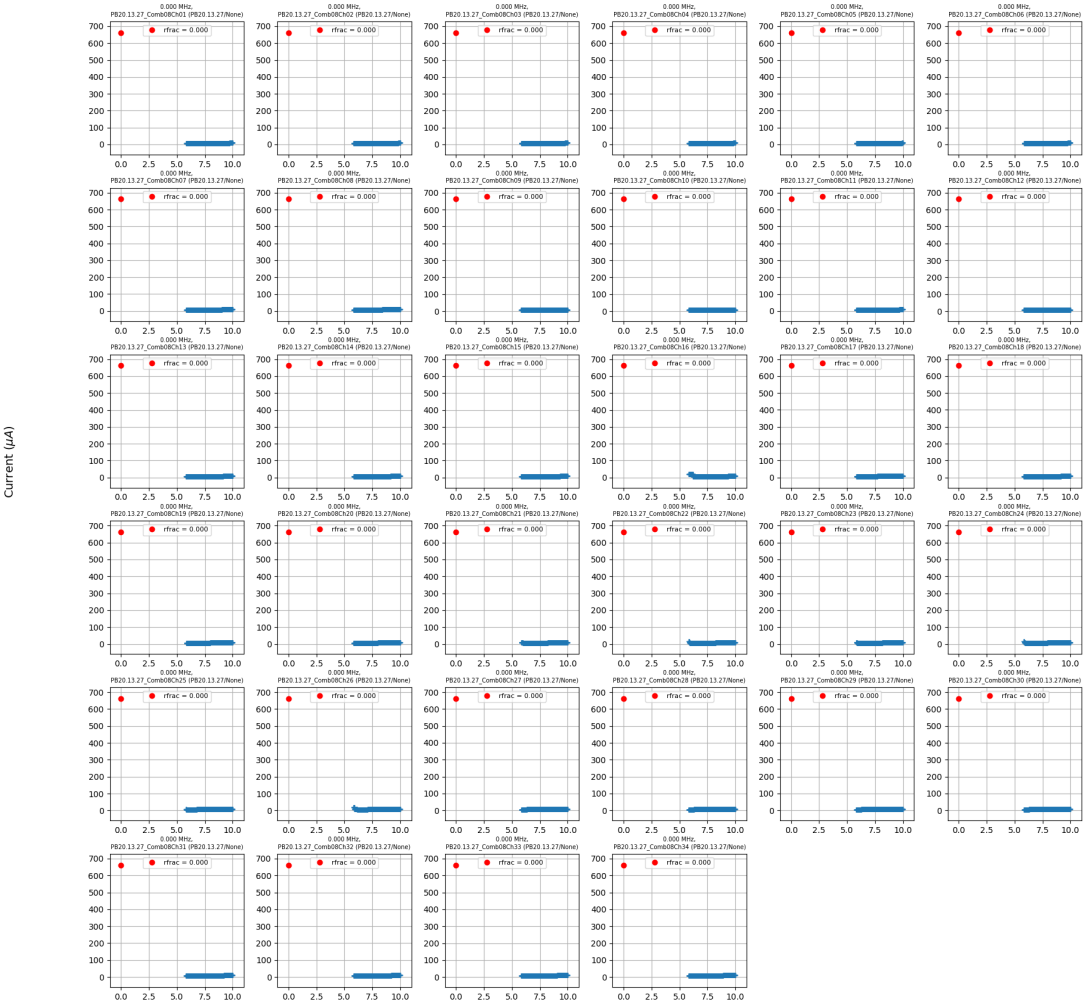
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

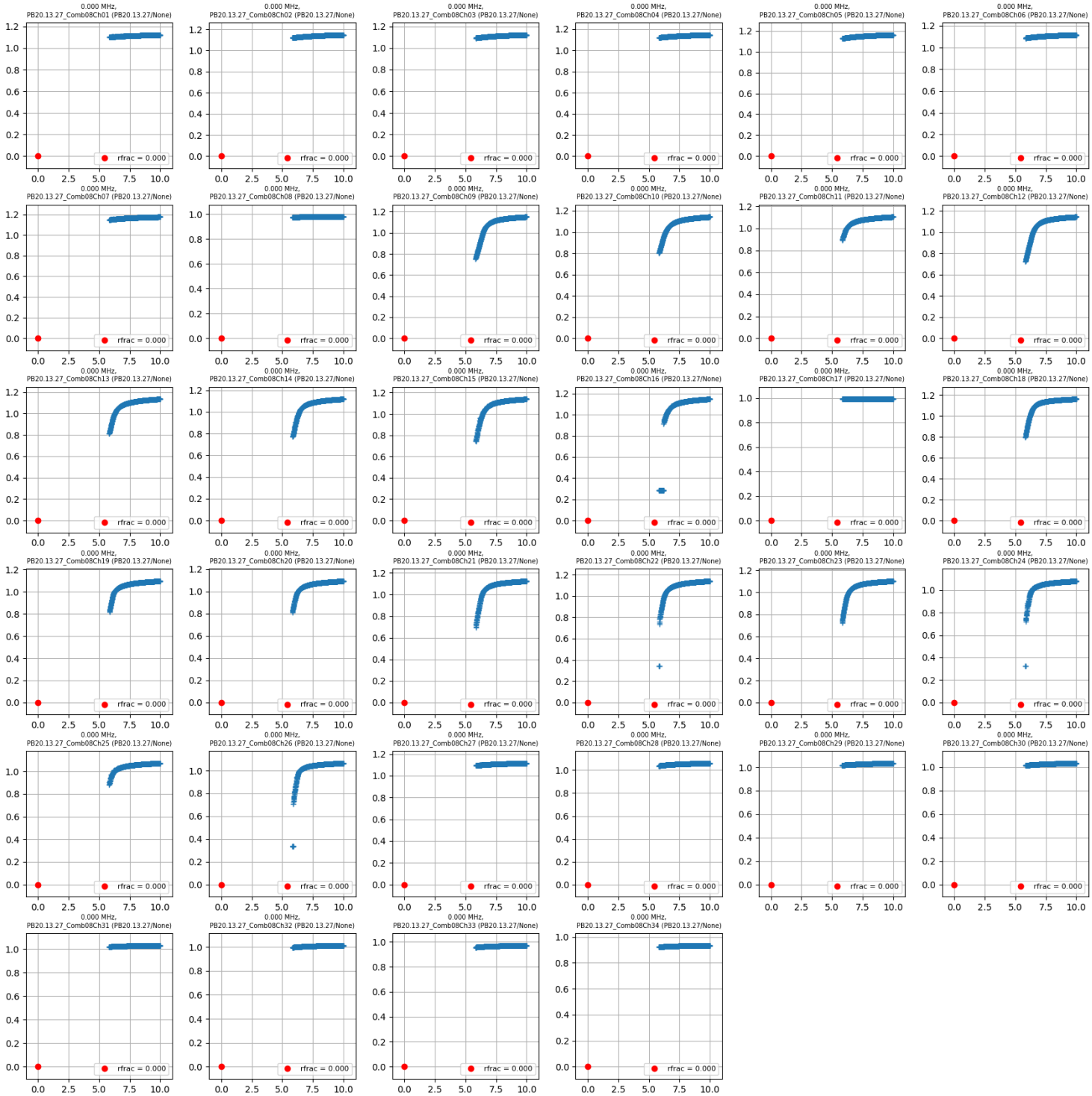
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

IV Curves for tuned bolometers, final state in red

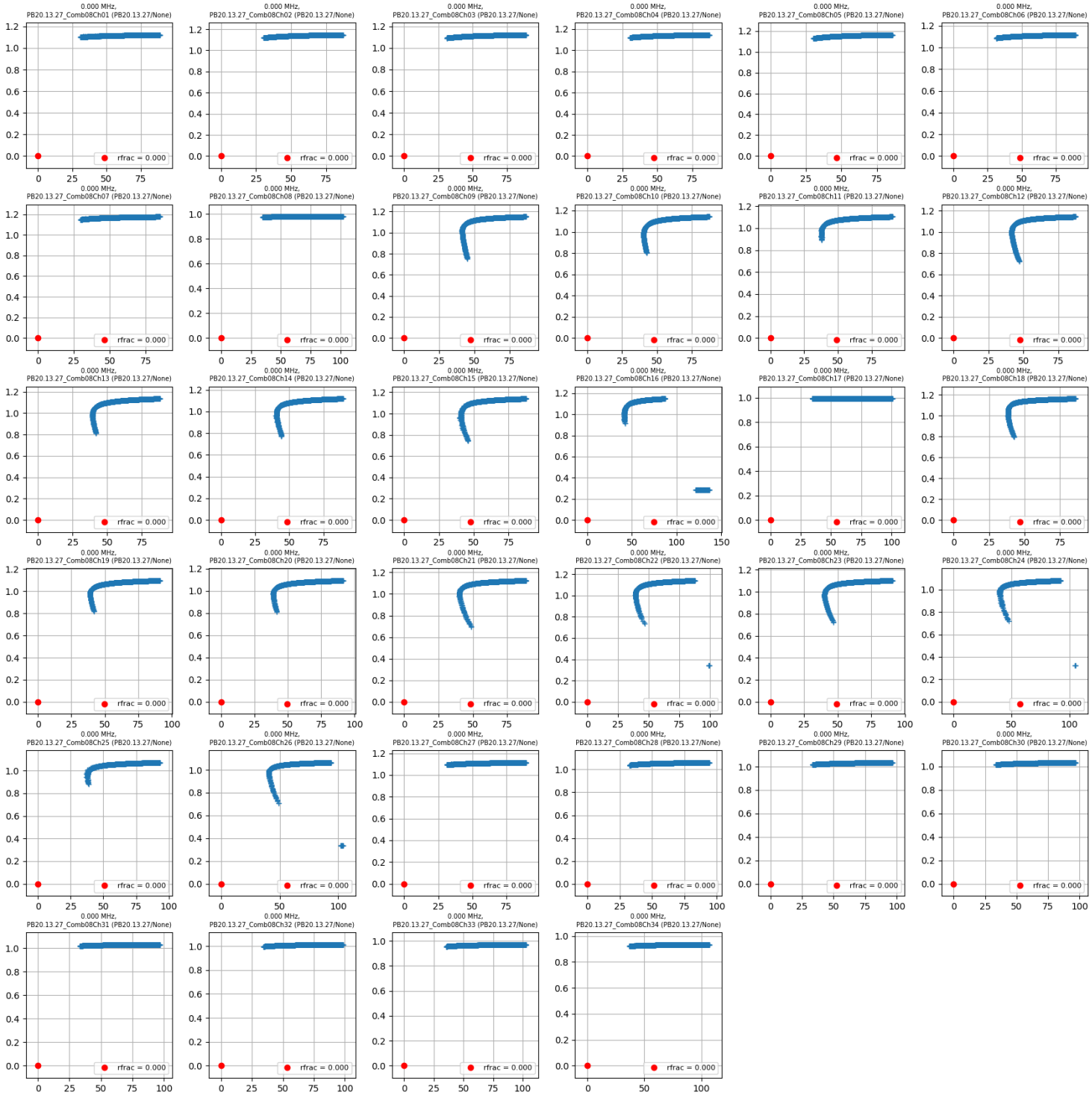


RV Curves for tuned bolometers, final state in red



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_Comb08Ch01	PB20.13.27/None	1628341.67946	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb08Ch02	PB20.13.27/None	1676177.98317	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb08Ch03	PB20.13.27/None	1784286.50368	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb08Ch04	PB20.13.27/None	1839675.90798	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb08Ch05	PB20.13.27/None	1879501.34743	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb08Ch06	PB20.13.27/None	1992340.09255	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb08Ch07	PB20.13.27/None	2041091.9236	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb08Ch08	PB20.13.27/None	2122802.73903	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb08Ch09	PB20.13.27/None	2160797.1238	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb08Ch10	PB20.13.27/None	2224884.03786	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb08Ch11	PB20.13.27/None	2353286.74782	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb08Ch12	PB20.13.27/None	2417449.95583	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb08Ch13	PB20.13.27/None	2460403.44704	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb08Ch14	PB20.13.27/None	2550125.12673	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb08Ch15	PB20.13.27/None	2594223.02712	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb08Ch16	PB20.13.27/None	2654418.94997	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb08Ch17	PB20.13.27/None	2765121.46462	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb08Ch18	PB20.13.27/None	2821121.22048	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb08Ch19	PB20.13.27/None	2939224.24782	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb08Ch20	PB20.13.27/None	3058624.27224	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb08Ch21	PB20.13.27/None	3128967.28981	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb08Ch22	PB20.13.27/None	3195724.49196	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb08Ch23	PB20.13.27/None	3356018.07106	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb08Ch24	PB20.13.27/None	3418502.81227	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb08Ch25	PB20.13.27/None	3490676.88454	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb08Ch26	PB20.13.27/None	3598327.64138	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb08Ch27	PB20.13.27/None	3656768.80349	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb08Ch28	PB20.13.27/None	3746109.01345	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb08Ch29	PB20.13.27/None	3978805.54665	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb08Ch30	PB20.13.27/None	4063873.29567	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27_Comb08Ch31	PB20.13.27/None	4151687.62673	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27_Comb08Ch32	PB20.13.27/None	4247894.29177	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27_Comb08Ch33	PB20.13.27/None	4309310.91774	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27_Comb08Ch34	PB20.13.27/None	4403839.11598	0.0000	N/A: target amplitude 0	0.0000