Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0439).MGMEZZ04(2,None).ReadoutModule(1)
Reduced target name	IceBoard(0439).Mezz(2).ReadoutModule(1)
Date	Mon Feb 25 17:29:50 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	36
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

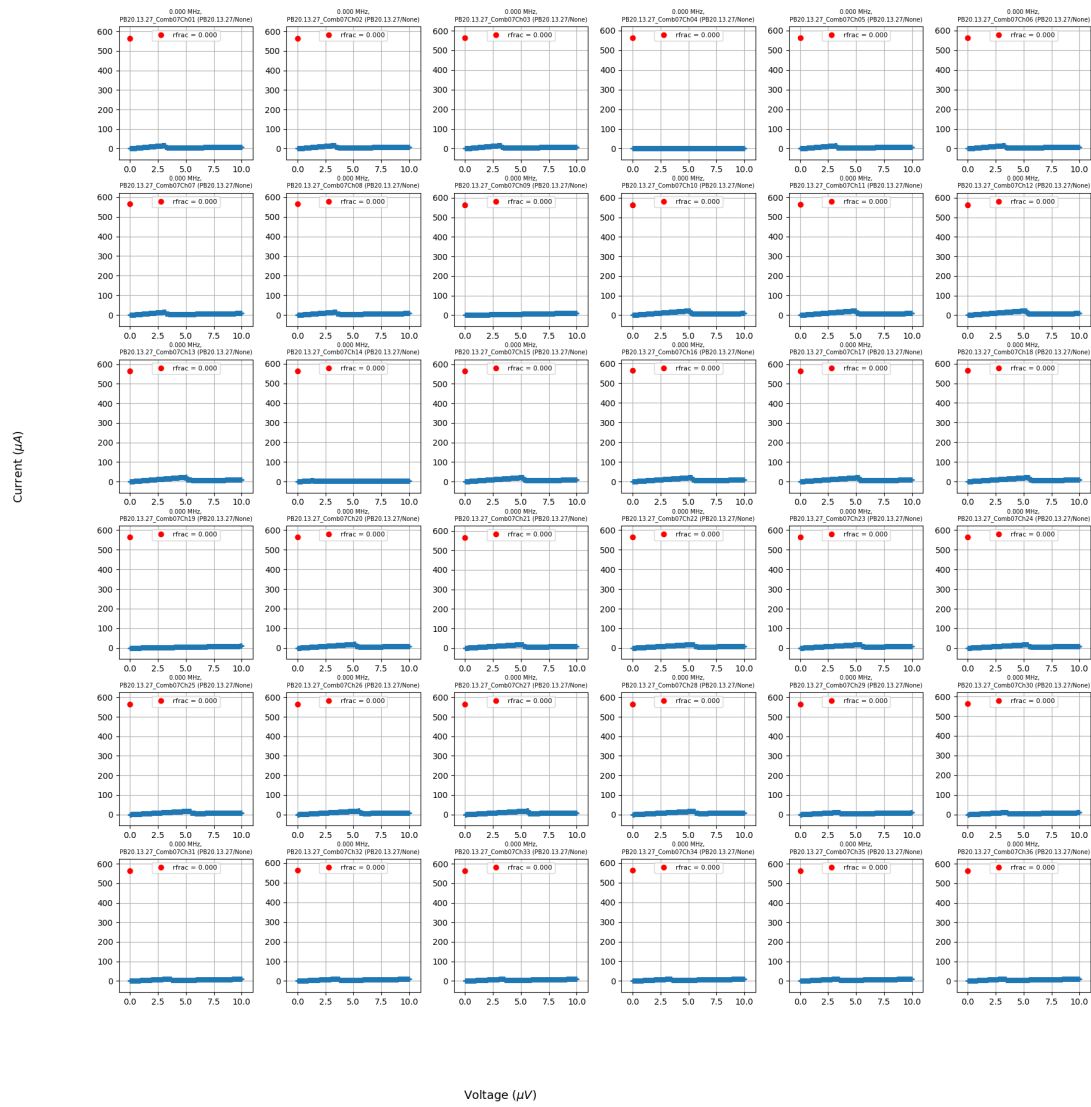All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

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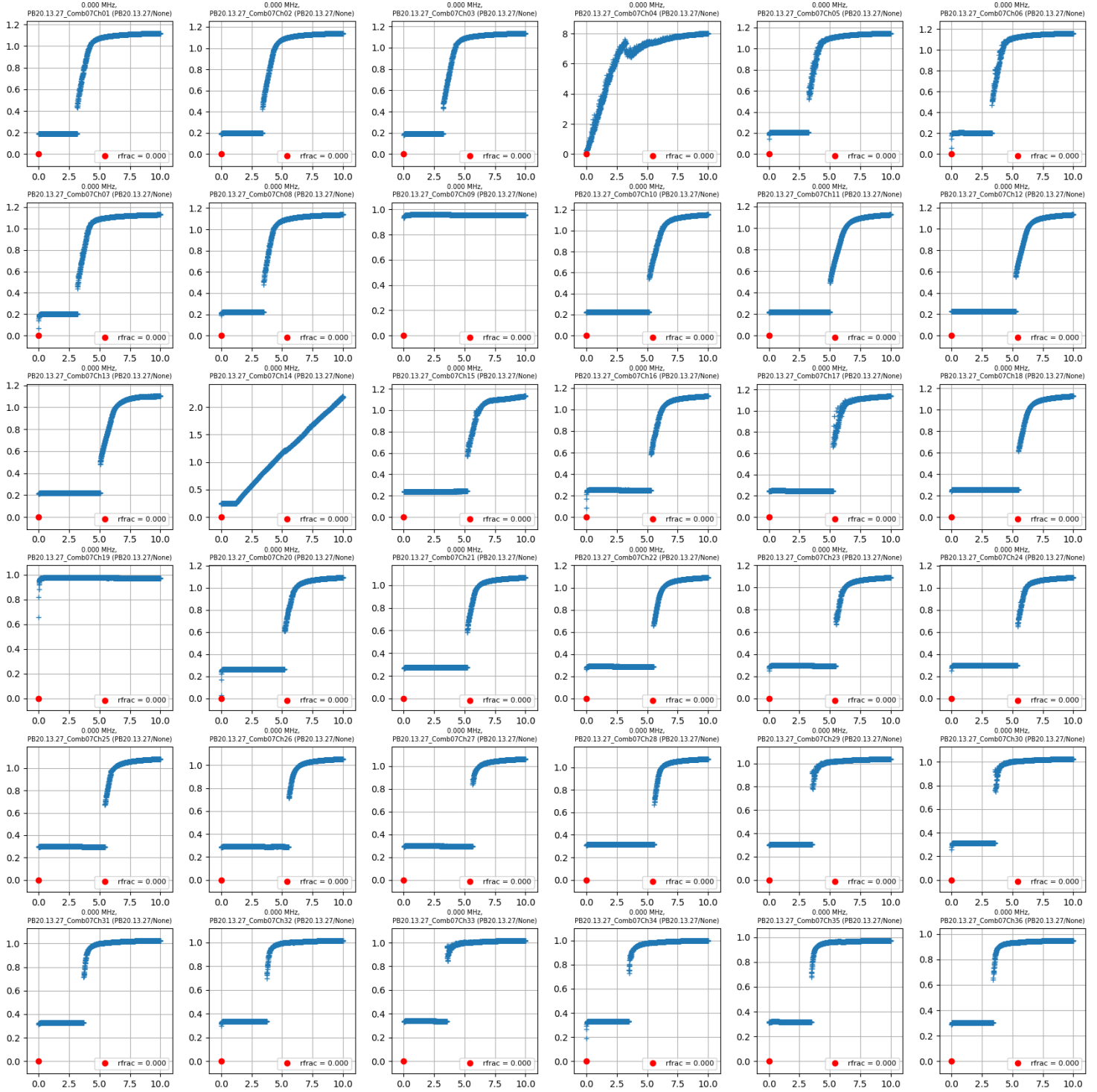
To convert Current or Voltage to RMS, divide by sqrt(2).

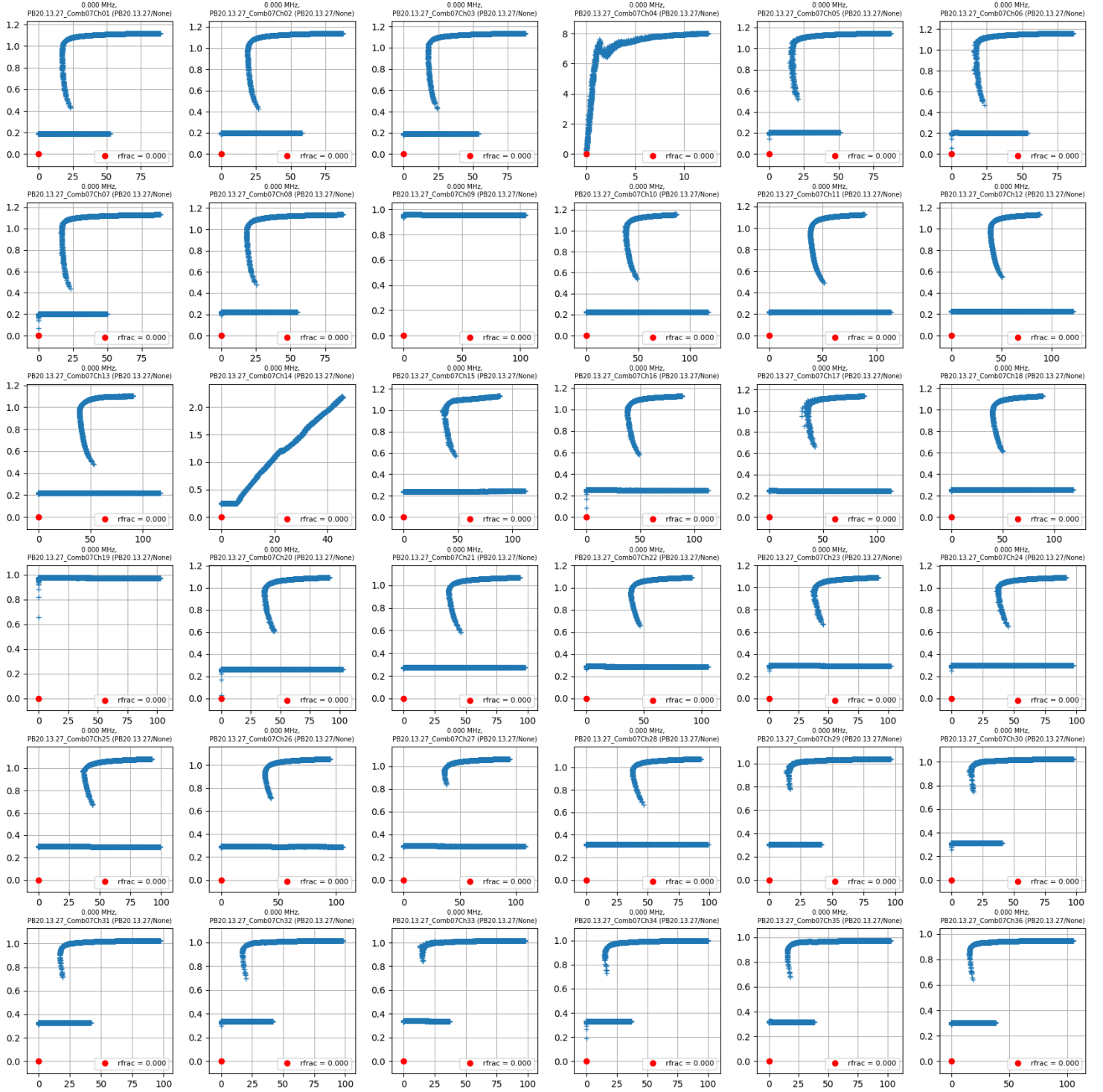# Plots

IV Curves for tuned bolometers, final state in red

Current (μA)

Voltage (μV)

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_Comb07Ch01	PB20.13.27/None	1676025.39528	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb07Ch02	PB20.13.27/None	1726455.69313	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb07Ch03	PB20.13.27/None	1783905.03395	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb07Ch04	PB20.13.27/None	1841125.49294	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb07Ch05	PB20.13.27/None	1875381.47438	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb07Ch06	PB20.13.27/None	1930313.11501	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb07Ch07	PB20.13.27/None	1996002.20192	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb07Ch08	PB20.13.27/None	2038192.75368	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb07Ch09	PB20.13.27/None	2124633.79372	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb07Ch10	PB20.13.27/None	2159042.36306	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb07Ch11	PB20.13.27/None	2220458.98903	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb07Ch12	PB20.13.27/None	2281951.90895	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb07Ch13	PB20.13.27/None	2355499.27224	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb07Ch14	PB20.13.27/None	2416915.89821	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb07Ch15	PB20.13.27/None	2463150.02907	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb07Ch16	PB20.13.27/None	2547836.30837	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb07Ch17	PB20.13.27/None	2595825.19997	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb07Ch18	PB20.13.27/None	2650222.78298	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb07Ch19	PB20.13.27/None	2768020.63454	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb07Ch20	PB20.13.27/None	2935867.31423	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb07Ch21	PB20.13.27/None	3056640.62966	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb07Ch22	PB20.13.27/None	3127517.70485	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb07Ch23	PB20.13.27/None	3196563.72536	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb07Ch24	PB20.13.27/None	3268661.50368	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb07Ch25	PB20.13.27/None	3352279.66774	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb07Ch26	PB20.13.27/None	3421249.39431	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb07Ch27	PB20.13.27/None	3493118.29079	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb07Ch28	PB20.13.27/None	3598785.40505	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb07Ch29	PB20.13.27/None	3740158.08571	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb07Ch30	PB20.13.27/None	3831634.52614	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27_Comb07Ch31	PB20.13.27/None	3980941.77712	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27_Comb07Ch32	PB20.13.27/None	4064025.88356	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27_Comb07Ch33	PB20.13.27/None	4152374.27224	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27_Comb07Ch34	PB20.13.27/None	4248886.11306	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.27_Comb07Ch35	PB20.13.27/None	4309387.21169	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.27_Comb07Ch36	PB20.13.27/None	4407730.1072	0.0000	N/A: target amplitude 0	0.0000