Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0422).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0422).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:23:12 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

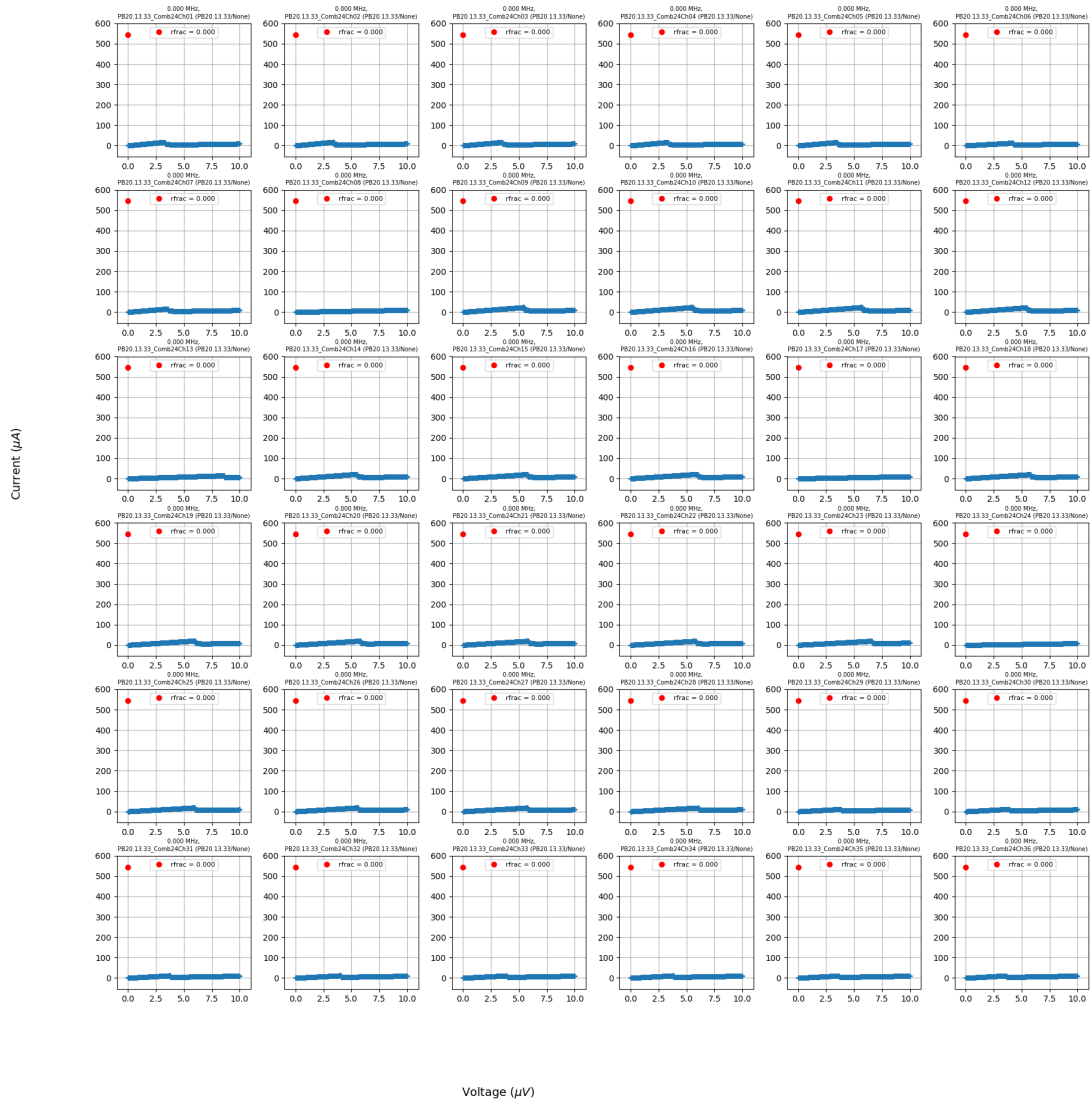All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

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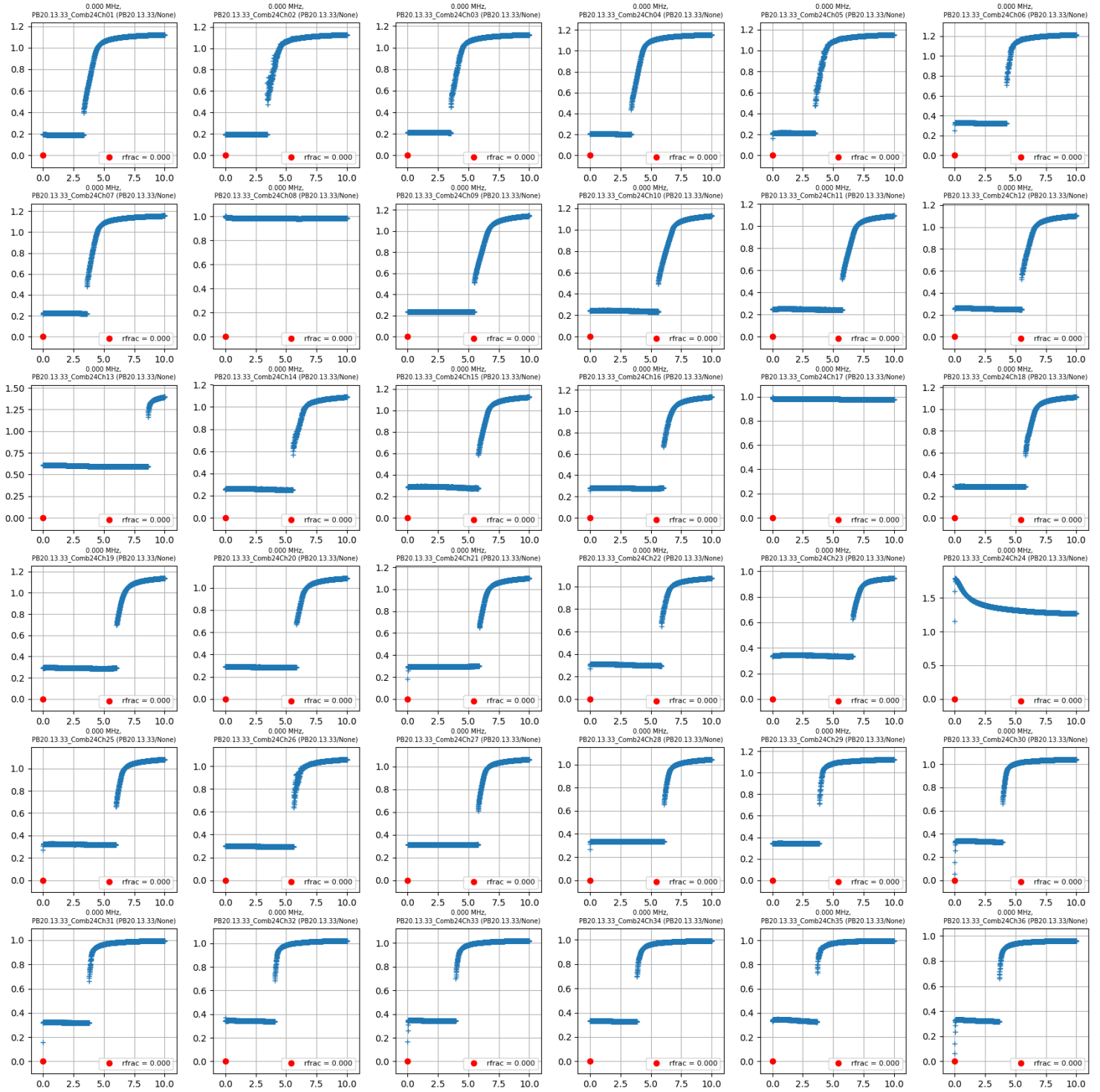
To convert Current or Voltage to RMS, divide by sqrt(2).

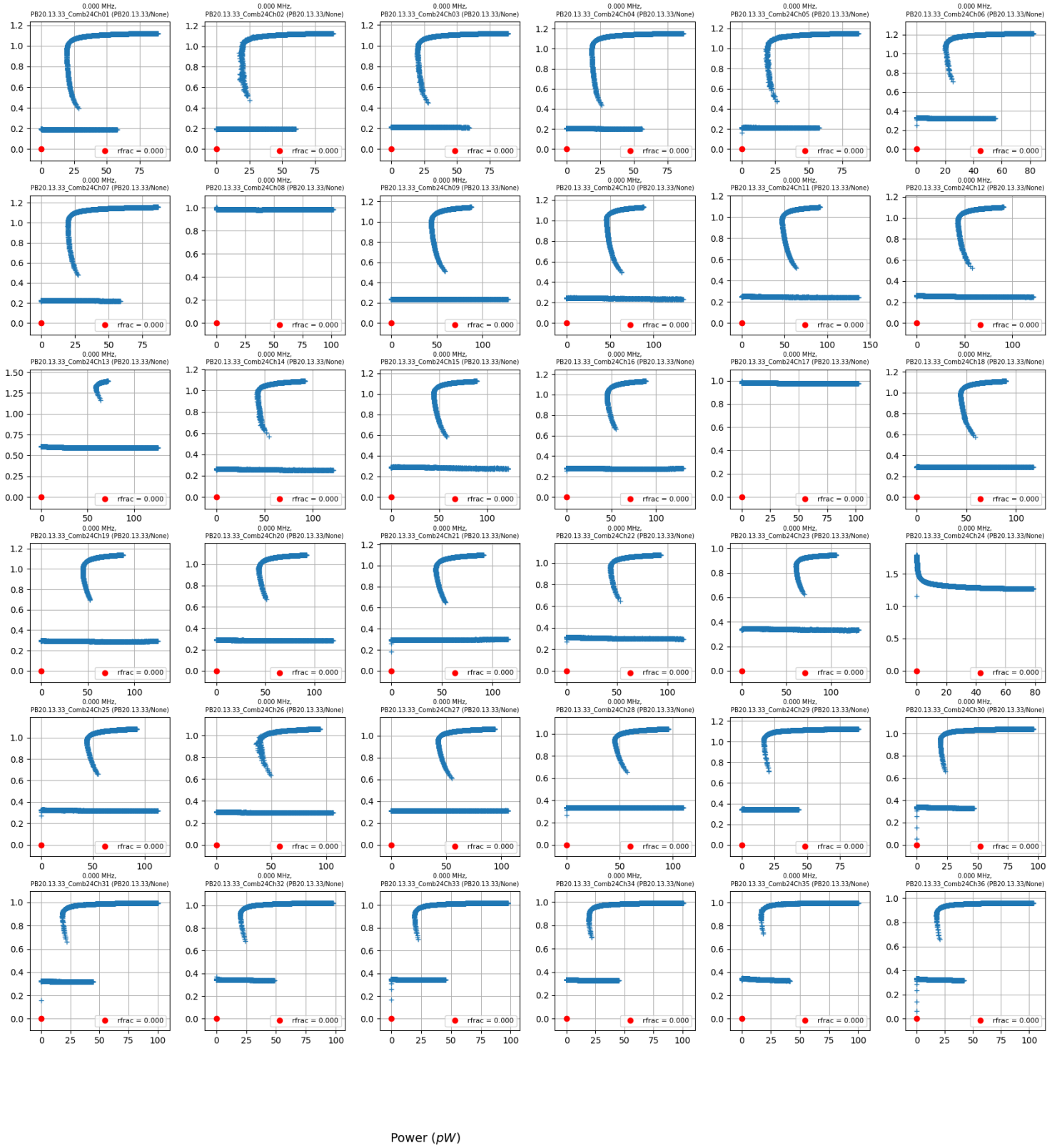# Plots

IV Curves for tuned bolometers, final state in red

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	PB20.13.33_Comb24Ch01	PB20.13.33/None	1616592.41188	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb24Ch02	PB20.13.33/None	1674041.7527	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb24Ch03	PB20.13.33/None	1780014.04274	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb24Ch04	PB20.13.33/None	1826477.05544	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb24Ch05	PB20.13.33/None	1874923.71071	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb24Ch06	PB20.13.33/None	1990737.9197	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb24Ch07	PB20.13.33/None	2030181.88942	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb24Ch08	PB20.13.33/None	2110519.41384	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb24Ch09	PB20.13.33/None	2142181.40114	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb24Ch10	PB20.13.33/None	2209472.66091	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb24Ch11	PB20.13.33/None	2338104.2527	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb24Ch12	PB20.13.33/None	2409439.09157	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb24Ch13	PB20.13.33/None	2463455.20485	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb24Ch14	PB20.13.33/None	2542419.43825	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb24Ch15	PB20.13.33/None	2586898.80837	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb24Ch16	PB20.13.33/None	2639007.57302	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb24Ch17	PB20.13.33/None	2756652.83669	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb24Ch18	PB20.13.33/None	2810745.24391	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb24Ch19	PB20.13.33/None	2850952.15309	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb24Ch20	PB20.13.33/None	2930374.15016	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb24Ch21	PB20.13.33/None	3035888.67653	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb24Ch22	PB20.13.33/None	3124160.77126	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb24Ch23	PB20.13.33/None	3176345.82985	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb24Ch24	PB20.13.33/None	3265533.45192	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb24Ch25	PB20.13.33/None	3336257.93923	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb24Ch26	PB20.13.33/None	3415222.17263	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb24Ch27	PB20.13.33/None	3485717.77809	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb24Ch28	PB20.13.33/None	3582305.91286	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb24Ch29	PB20.13.33/None	3639144.90212	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb24Ch30	PB20.13.33/None	3815155.03395	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33 _Comb24C h31	PB20.13.33/ None	3968887.33 376	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33 _Comb24C h32	PB20.13.33/ None	4046783.45 192	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb24C h33	PB20.13.33/ None	4139099.12 575	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33 _Comb24C h34	PB20.13.33/ None	4233016.97 243	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.33 _Comb24C h35	PB20.13.33/ None	4281463.62 77	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.33 _Comb24C h36	PB20.13.33/ None	4398880.00 954	0.0000	N/A: target amplitude 0	0.0000