Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0423).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0423).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:33:08 2019
HWM used	190221_run17b_hwm
Outcome	success

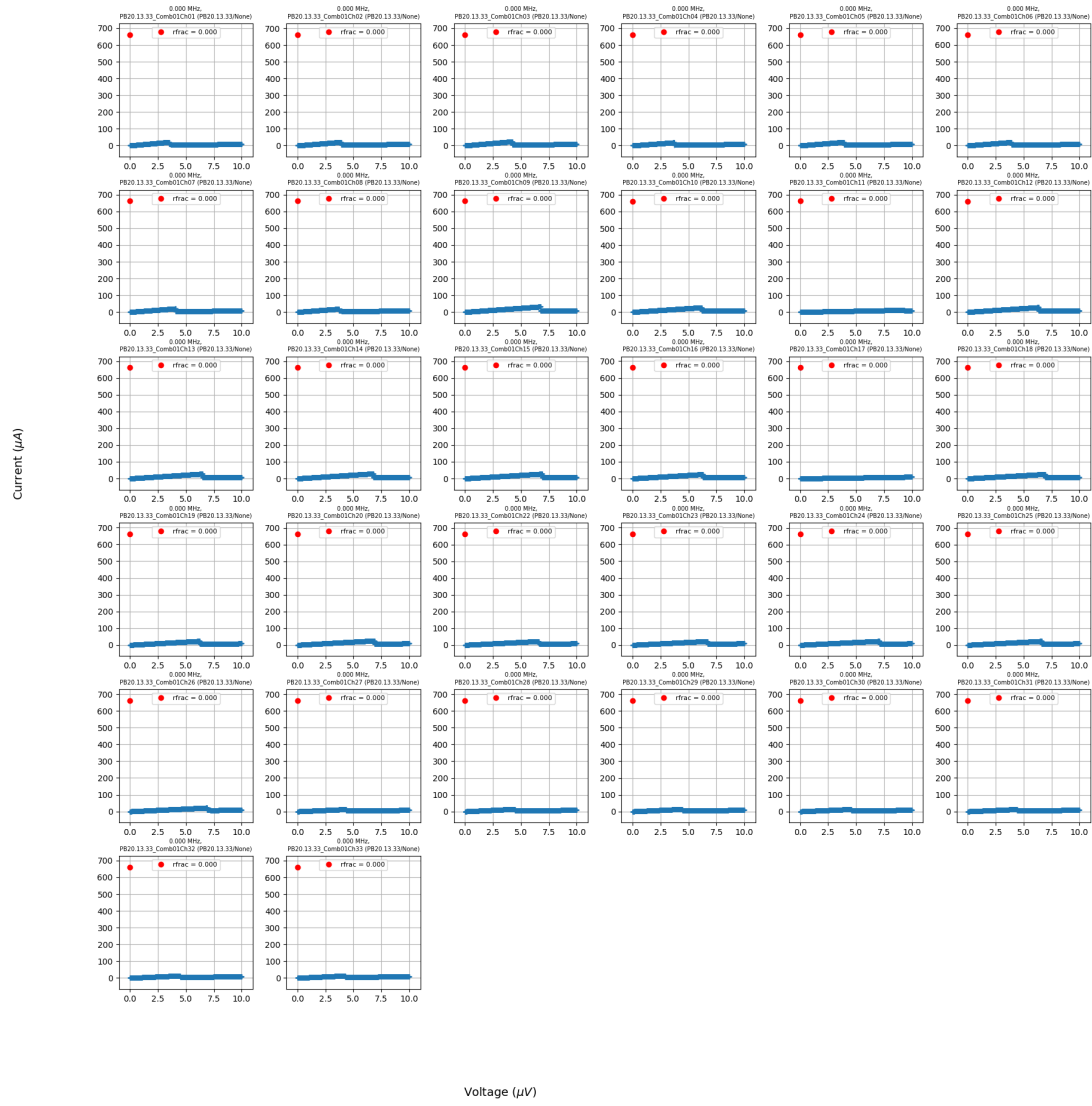| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	32
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.
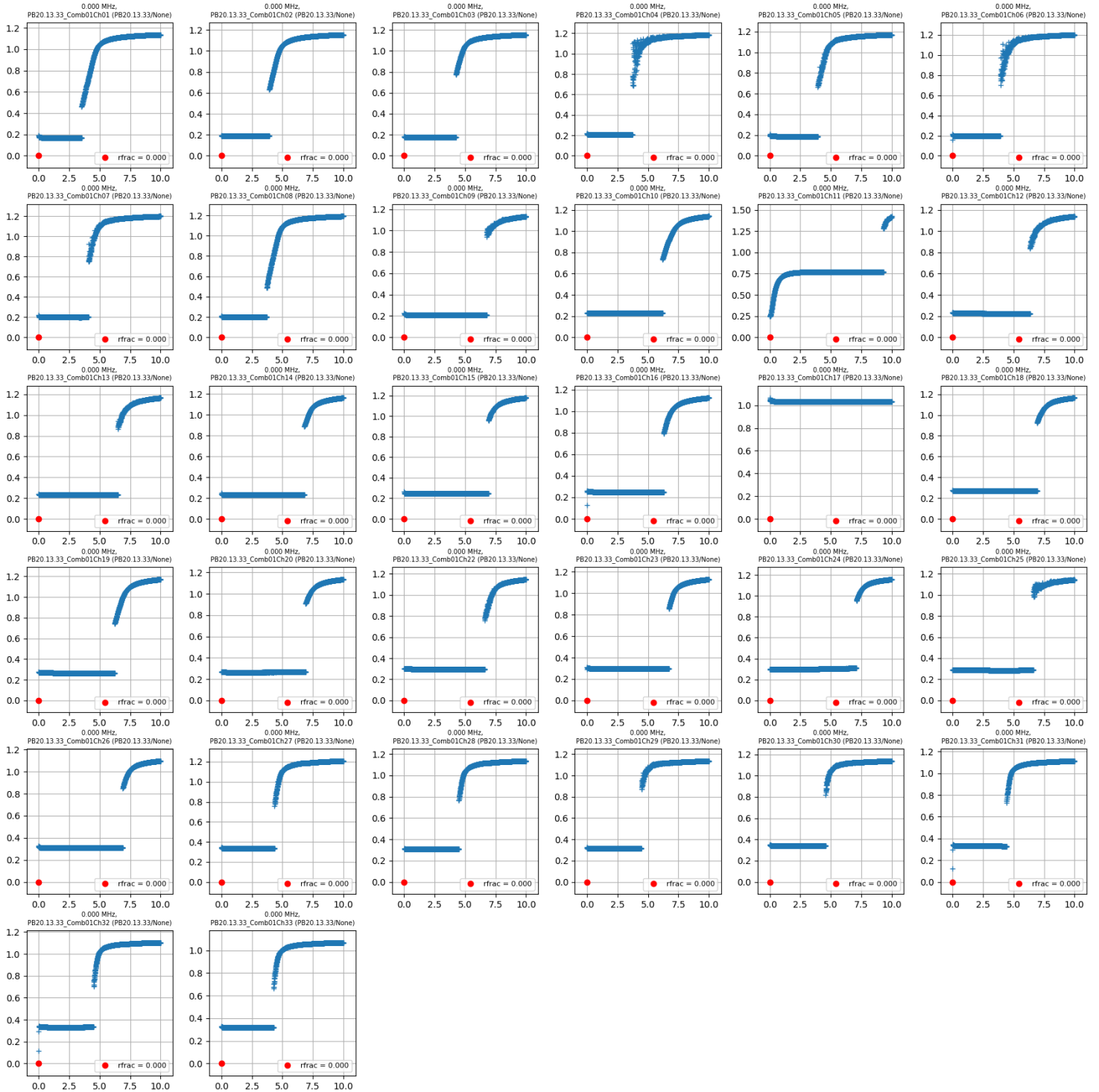
To convert Power values to RMS, divide by 2.

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

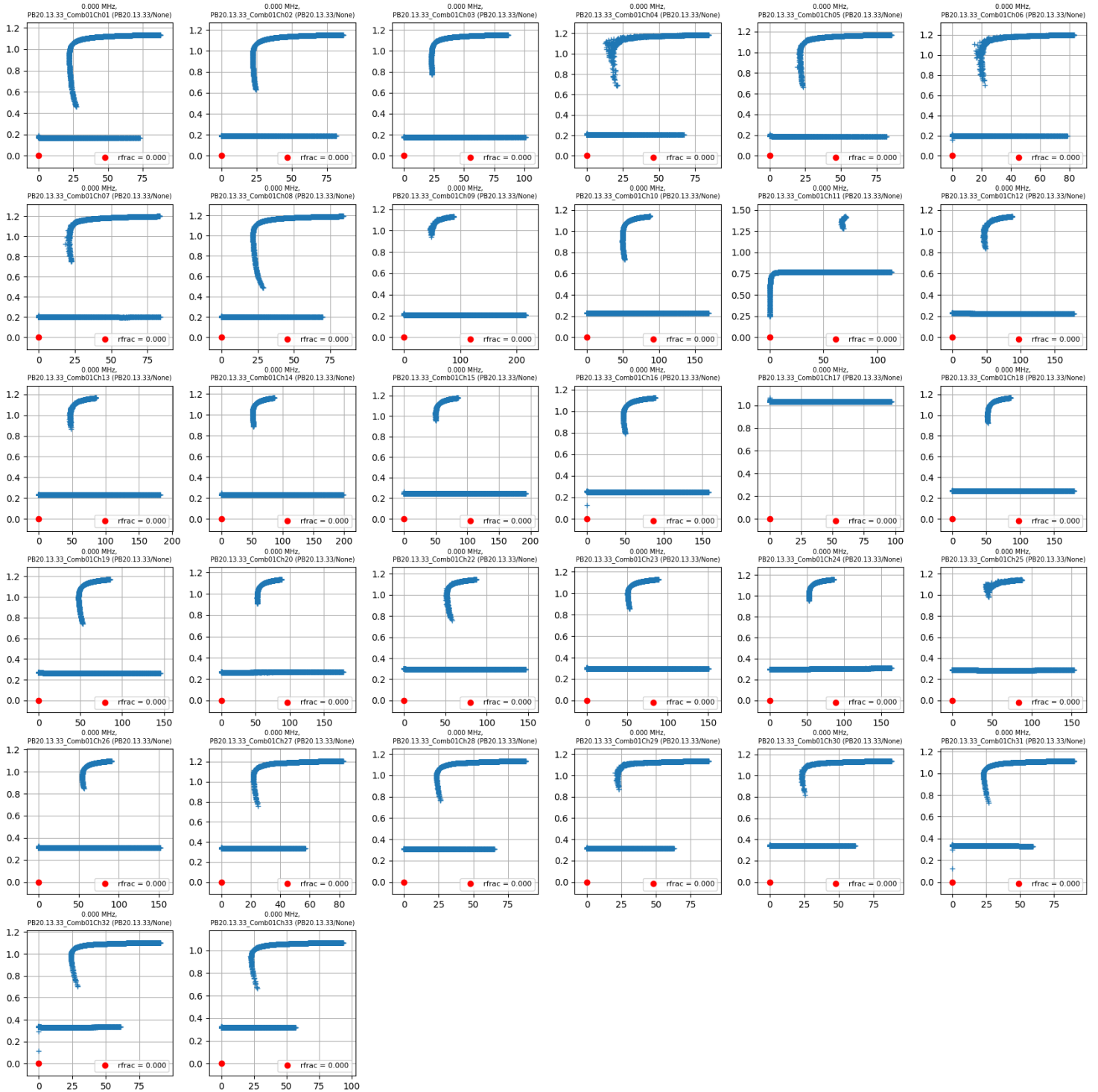# Plots

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_Comb01Ch01	PB20.13.33/None	1654357.91481	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb01Ch02	PB20.13.33/None	1700439.45778	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb01Ch03	PB20.13.33/None	1751861.57692	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb01Ch04	PB20.13.33/None	1811370.85427	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb01Ch05	PB20.13.33/None	1870803.83766	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb01Ch06	PB20.13.33/None	1907501.22536	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb01Ch07	PB20.13.33/None	1954956.05934	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb01Ch08	PB20.13.33/None	2022705.08278	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb01Ch09	PB20.13.33/None	2194824.22341	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb01Ch10	PB20.13.33/None	2256469.73122	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb01Ch11	PB20.13.33/None	2316741.94802	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb01Ch12	PB20.13.33/None	2390213.01735	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb01Ch13	PB20.13.33/None	2448349.00368	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb01Ch14	PB20.13.33/None	2496261.60134	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb01Ch15	PB20.13.33/None	2585906.98708	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb01Ch16	PB20.13.33/None	2696762.08962	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb01Ch17	PB20.13.33/None	2810592.65602	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb01Ch18	PB20.13.33/None	2863311.77224	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb01Ch19	PB20.13.33/None	2904968.26638	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb01Ch20	PB20.13.33/None	2976913.45681	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb01Ch22	PB20.13.33/None	3319320.68337	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb01Ch23	PB20.13.33/None	3401107.79274	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb01Ch24	PB20.13.33/None	3460388.18825	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb01Ch25	PB20.13.33/None	3534774.78493	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb01Ch26	PB20.13.33/None	3659439.09157	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb01Ch27	PB20.13.33/None	3705902.10427	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb01Ch28	PB20.13.33/None	3792190.55641	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb01Ch29	PB20.13.33/None	3882980.35134	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb01Ch30	PB20.13.33/None	4215164.18923	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.33_Comb01Ch31	PB20.13.33/None	4301223.75954	0.0000	N/A: target amplitude 0	0.0000

| 32 | PB20.13.33_Comb01Ch32 | PB20.13.33/None | 4363632.20681 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 33 | PB20.13.33_Comb01Ch33 | PB20.13.33/None | 4455184.94118 | 0.0000 | N/A: target amplitude 0 | 0.0000 |