Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0442).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0442).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:34:54 2019
HWM used	190221_run17b_hwm
Outcome	success

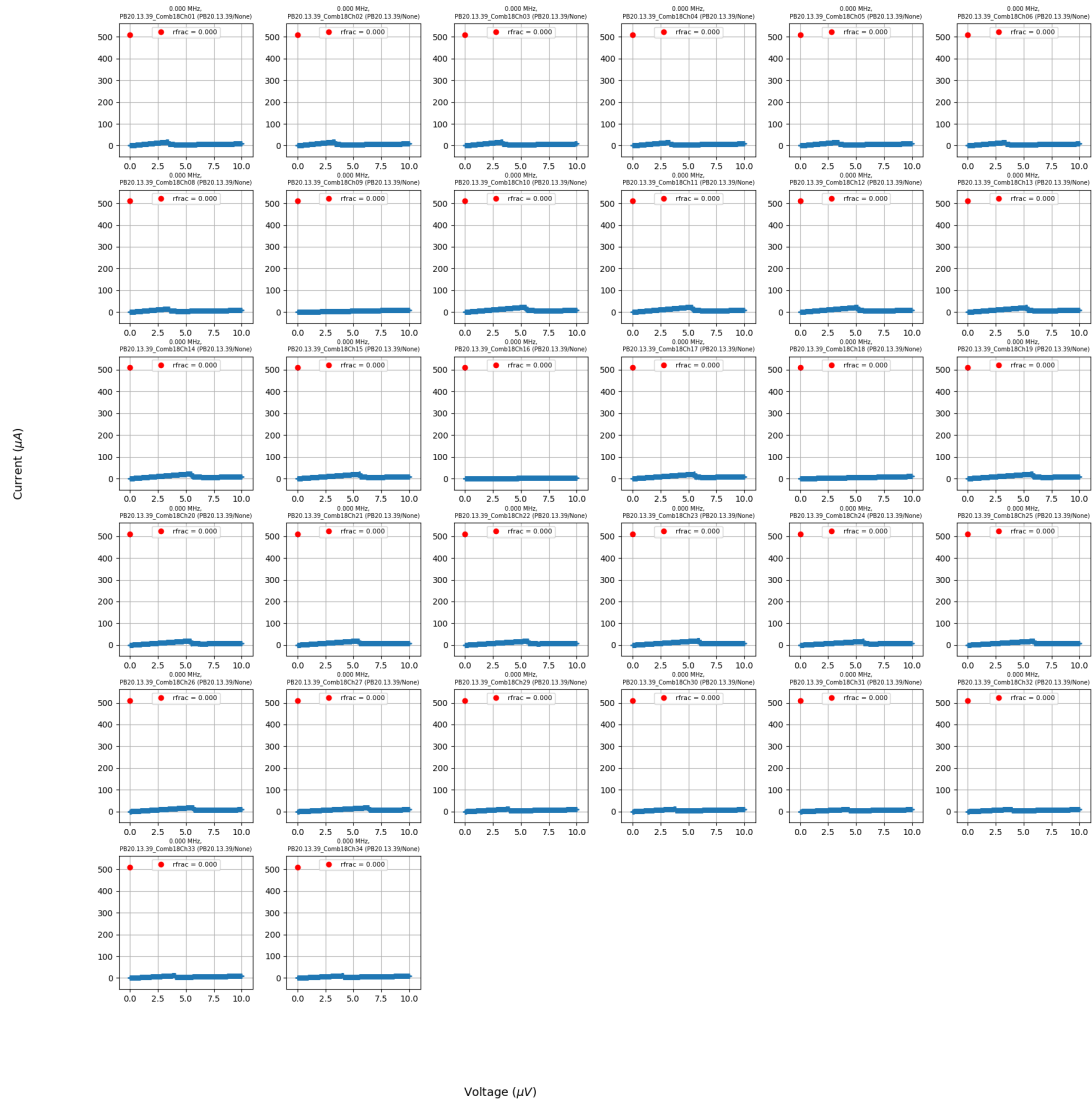| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	32
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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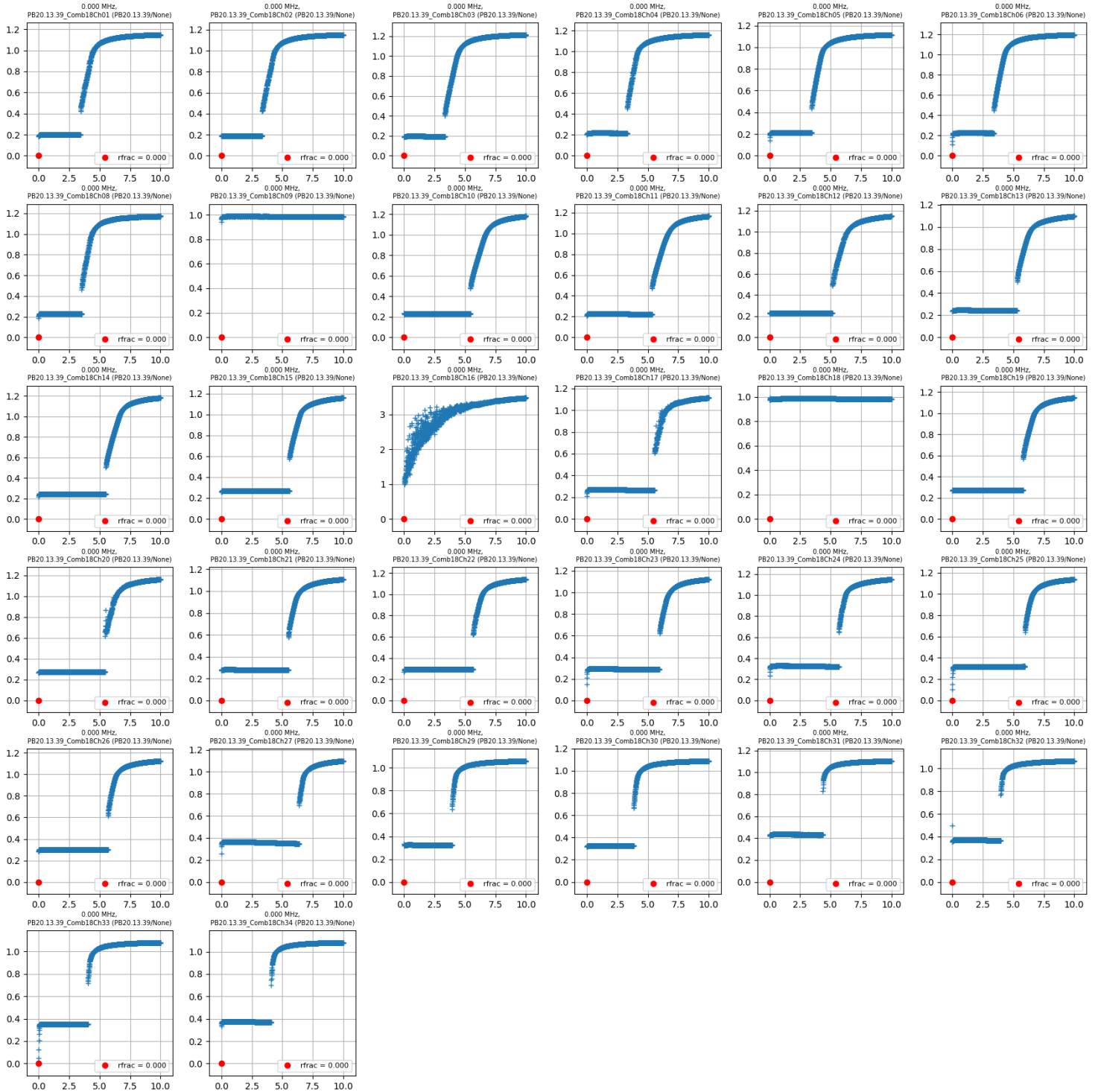
To convert Power values to RMS, divide by 2.

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

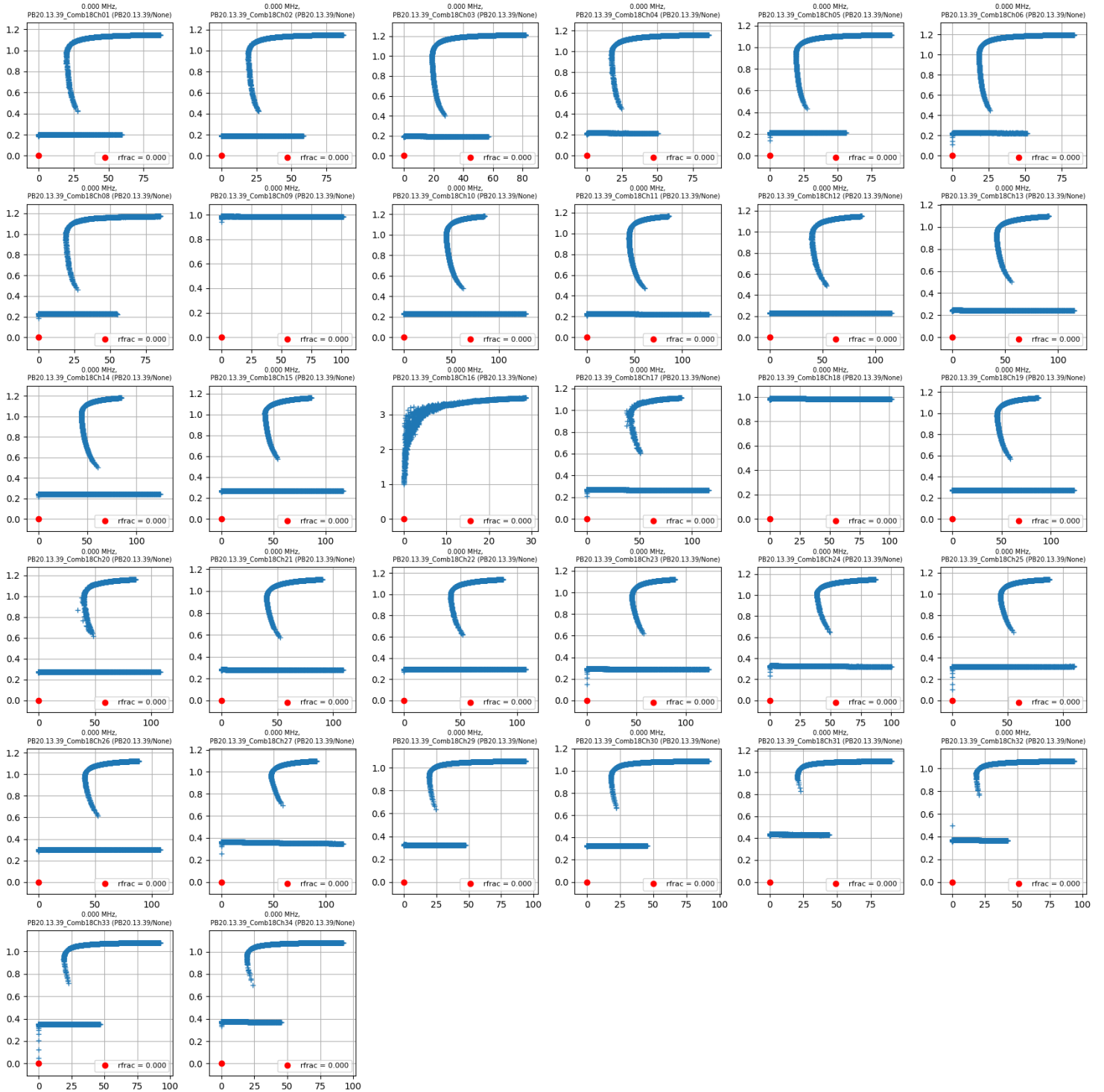# Plots

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	PB20.13.39_Comb18Ch01	PB20.13.39/None	1620025.63942	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb18Ch02	PB20.13.39/None	1675415.04372	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb18Ch03	PB20.13.39/None	1711730.96169	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb18Ch04	PB20.13.39/None	1776046.75759	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39_Comb18Ch05	PB20.13.39/None	1878280.64431	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39_Comb18Ch06	PB20.13.39/None	1920928.95974	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb18Ch08	PB20.13.39/None	2038269.04762	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb18Ch09	PB20.13.39/None	2109451.2986	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb18Ch10	PB20.13.39/None	2149200.44411	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb18Ch11	PB20.13.39/None	2213974.00368	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb18Ch12	PB20.13.39/None	2277450.56618	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb18Ch13	PB20.13.39/None	2339096.07399	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb18Ch14	PB20.13.39/None	2403488.16384	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.39_Comb18Ch15	PB20.13.39/None	2445220.95192	0.0000	N/A: target amplitude 0	0.0000

16	PB20.13.39_Comb18Ch16	PB20.13.39/None	2544784.55056	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39_Comb18Ch17	PB20.13.39/None	2643585.20974	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39_Comb18Ch18	PB20.13.39/None	2751617.4363	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39_Comb18Ch19	PB20.13.39/None	2816467.28981	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39_Comb18Ch20	PB20.13.39/None	2858886.72341	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39_Comb18Ch21	PB20.13.39/None	2931823.73513	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39_Comb18Ch22	PB20.13.39/None	3049697.88063	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39_Comb18Ch23	PB20.13.39/None	3119888.31032	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39_Comb18Ch24	PB20.13.39/None	3161468.51052	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39_Comb18Ch25	PB20.13.39/None	3332519.53591	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39_Comb18Ch26	PB20.13.39/None	3416671.75759	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39_Comb18Ch27	PB20.13.39/None	3586425.78591	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39_Comb18Ch29	PB20.13.39/None	3746719.36501	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39_Comb18Ch30	PB20.13.39/None	3806228.64235	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.39_Comb18Ch31	PB20.13.39/None	3977890.01931	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39_Comb18Ch32	PB20.13.39/None	4033813.48122	0.0000	N/A: target amplitude 0	0.0000

| 33 | PB20.13.39_Comb18Ch33 | PB20.13.39/None | 4148025.51735 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 34 | PB20.13.39_Comb18Ch34 | PB20.13.39/None | 4236297.61208 | 0.0000 | N/A: target amplitude 0 | 0.0000 |