Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0414).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0414).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:35:19 2019
HWM used	190221_run17b_hwm
Outcome	success

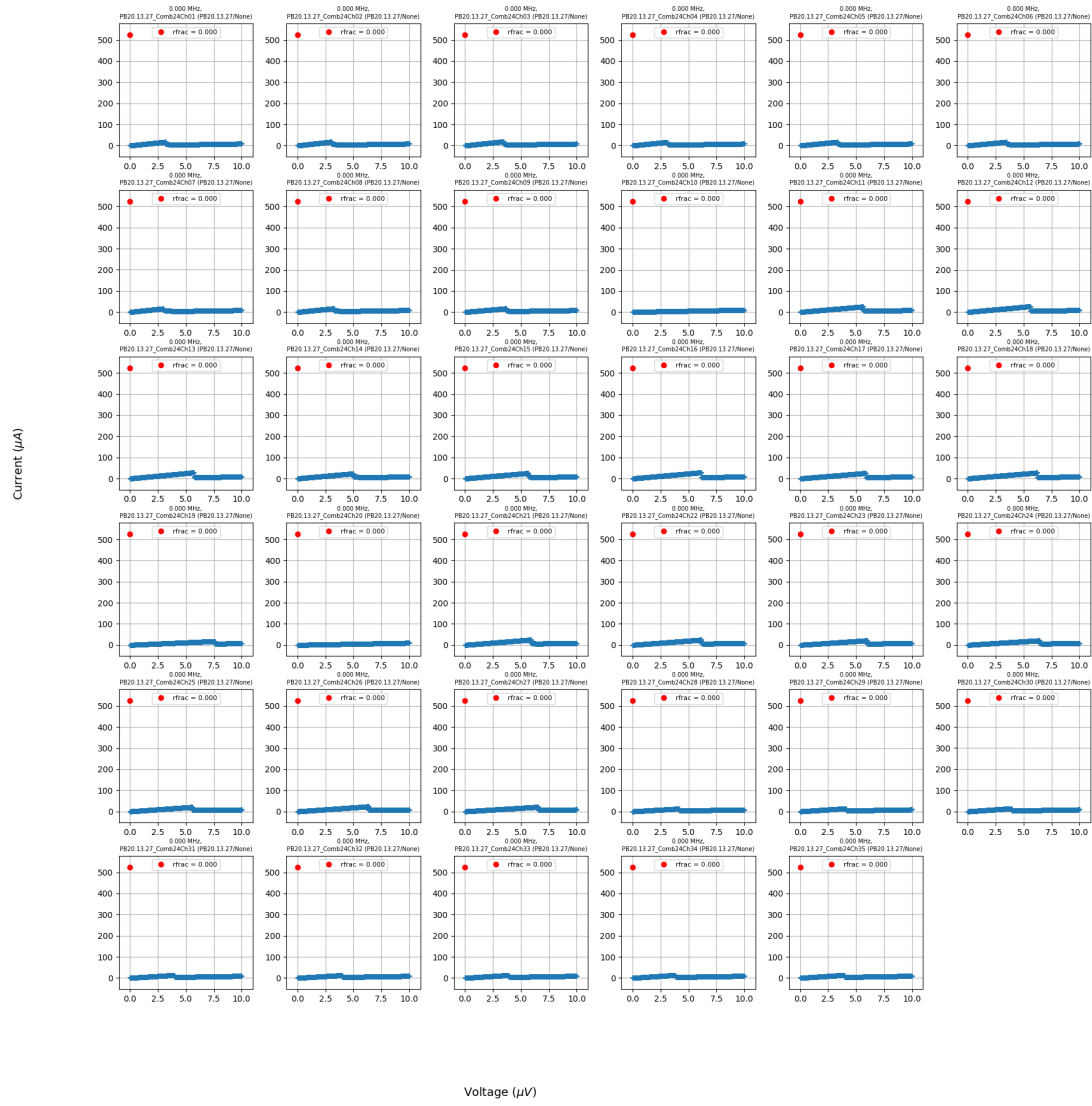| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	35
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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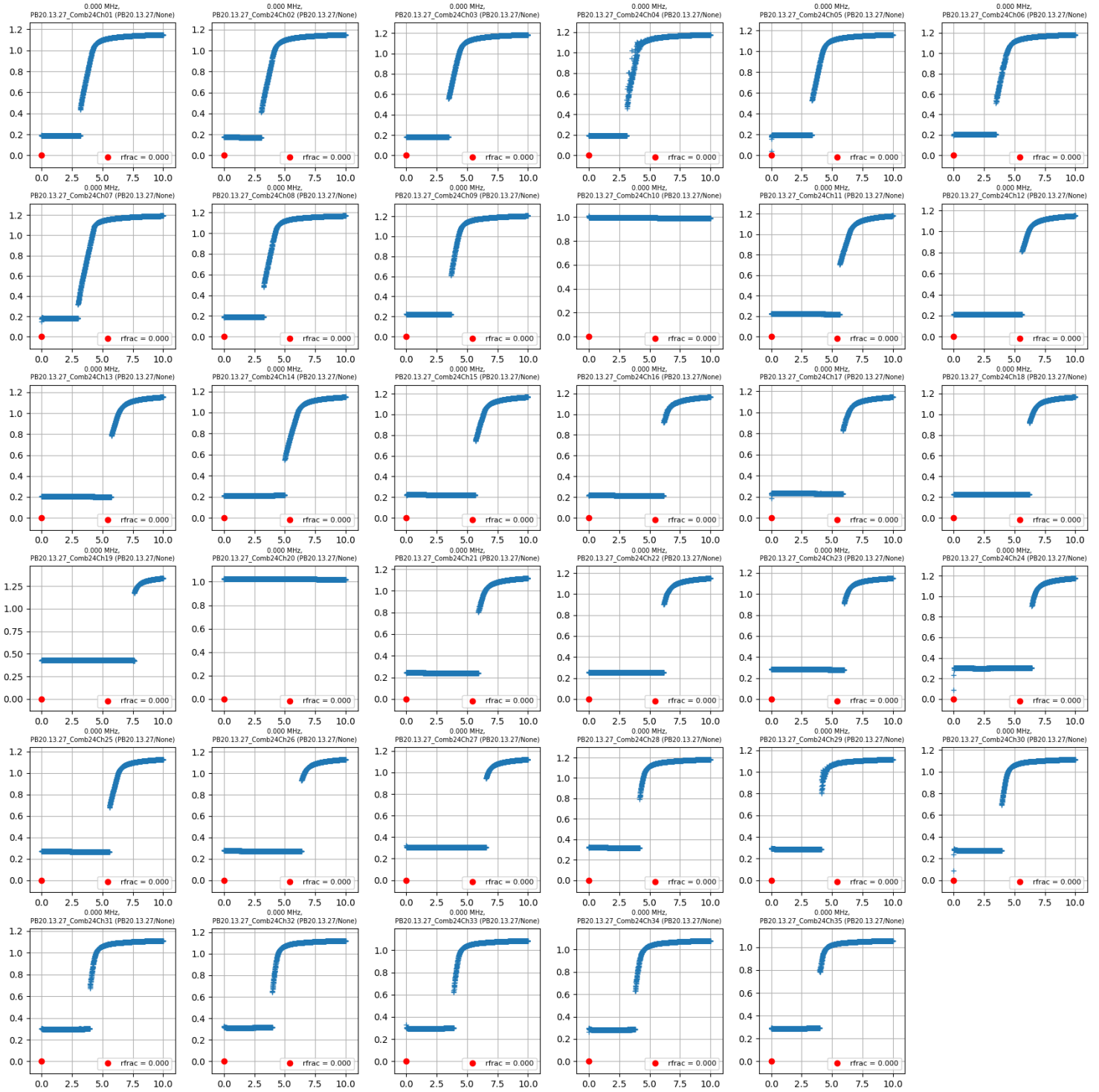
To convert Power values to RMS, divide by 2.

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

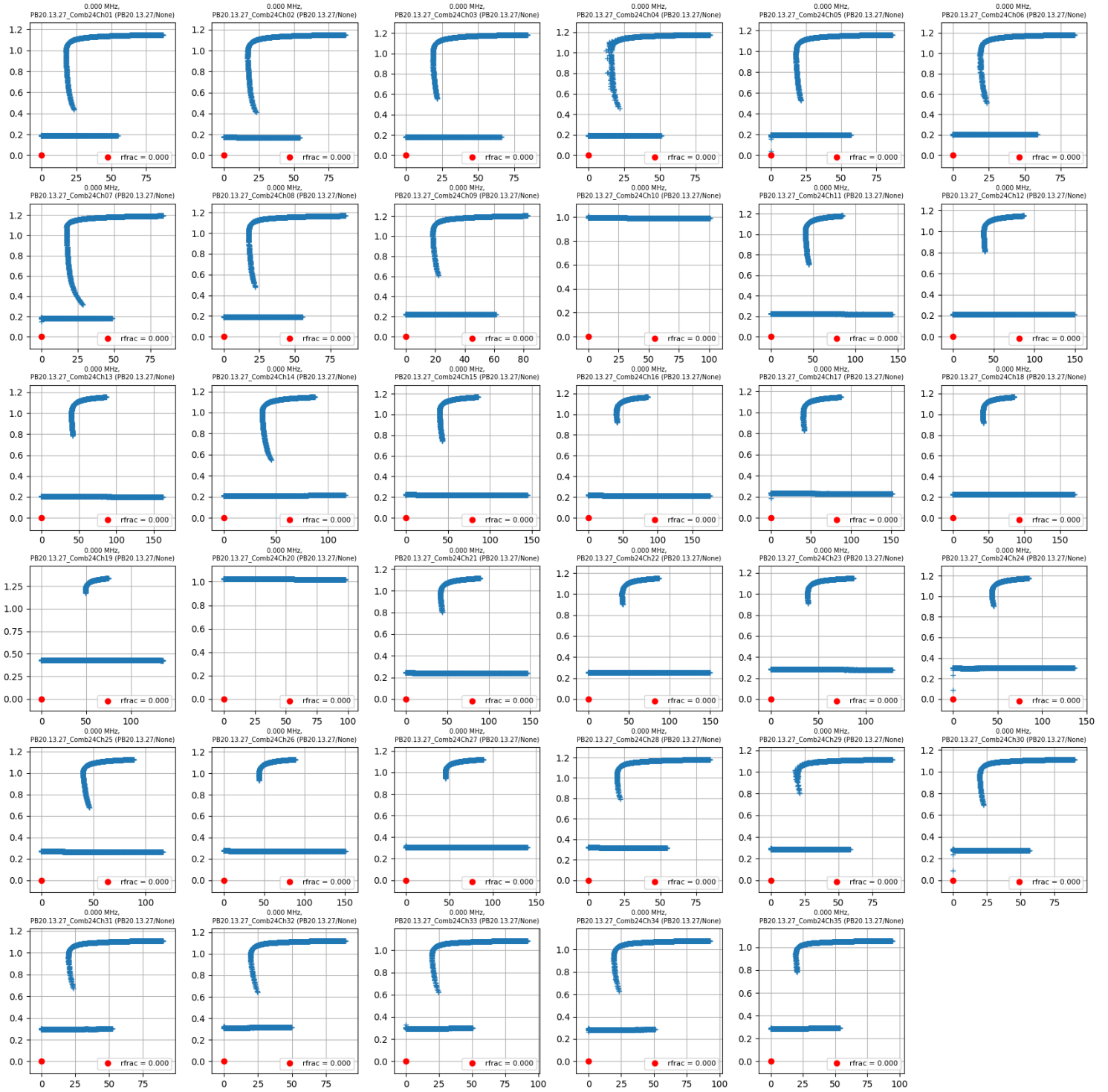# Plots

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_Comb24Ch01	PB20.13.27/None	1627197.27028	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb24Ch02	PB20.13.27/None	1673355.1072	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb24Ch03	PB20.13.27/None	1714172.36794	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb24Ch04	PB20.13.27/None	1773757.93923	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb24Ch05	PB20.13.27/None	1835098.27126	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb24Ch06	PB20.13.27/None	1878128.05641	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb24Ch07	PB20.13.27/None	1922912.60231	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb24Ch08	PB20.13.27/None	1984481.81618	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb24Ch09	PB20.13.27/None	2037429.81423	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb24Ch10	PB20.13.27/None	2115249.63845	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb24Ch11	PB20.13.27/None	2161331.18141	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb24Ch12	PB20.13.27/None	2221450.81032	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb24Ch13	PB20.13.27/None	2276535.03884	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb24Ch14	PB20.13.27/None	2339706.42556	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb24Ch15	PB20.13.27/None	2402572.63649	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb24Ch16	PB20.13.27/None	2449111.94313	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb24Ch17	PB20.13.27/None	2550048.83278	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb24Ch18	PB20.13.27/None	2580108.64724	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb24Ch19	PB20.13.27/None	2647094.73122	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb24Ch20	PB20.13.27/None	2754058.84255	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb24Ch21	PB20.13.27/None	2929611.21071	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb24Ch22	PB20.13.27/None	3054885.86891	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb24Ch23	PB20.13.27/None	3177032.47536	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb24Ch24	PB20.13.27/None	3261642.46071	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb24Ch25	PB20.13.27/None	3340225.22438	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb24Ch26	PB20.13.27/None	3414611.82106	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb24Ch27	PB20.13.27/None	3586654.66774	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb24Ch28	PB20.13.27/None	3650817.87575	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb24Ch29	PB20.13.27/None	3743209.84352	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb24Ch30	PB20.13.27/None	3816680.91286	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27_Comb24Ch31	PB20.13.27/ None	3973388.67653	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27_Comb24Ch32	PB20.13.27/ None	4041976.93337	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27_Comb24Ch33	PB20.13.27/ None	4235534.67262	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27_Comb24Ch34	PB20.13.27/ None	4299392.70485	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.27_Comb24Ch35	PB20.13.27/ None	4384384.15993	0.0000	N/A: target amplitude 0	0.0000