Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0401).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0401).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:20:53 2019
HWM used	190221_run17b_hwm
Outcome	success

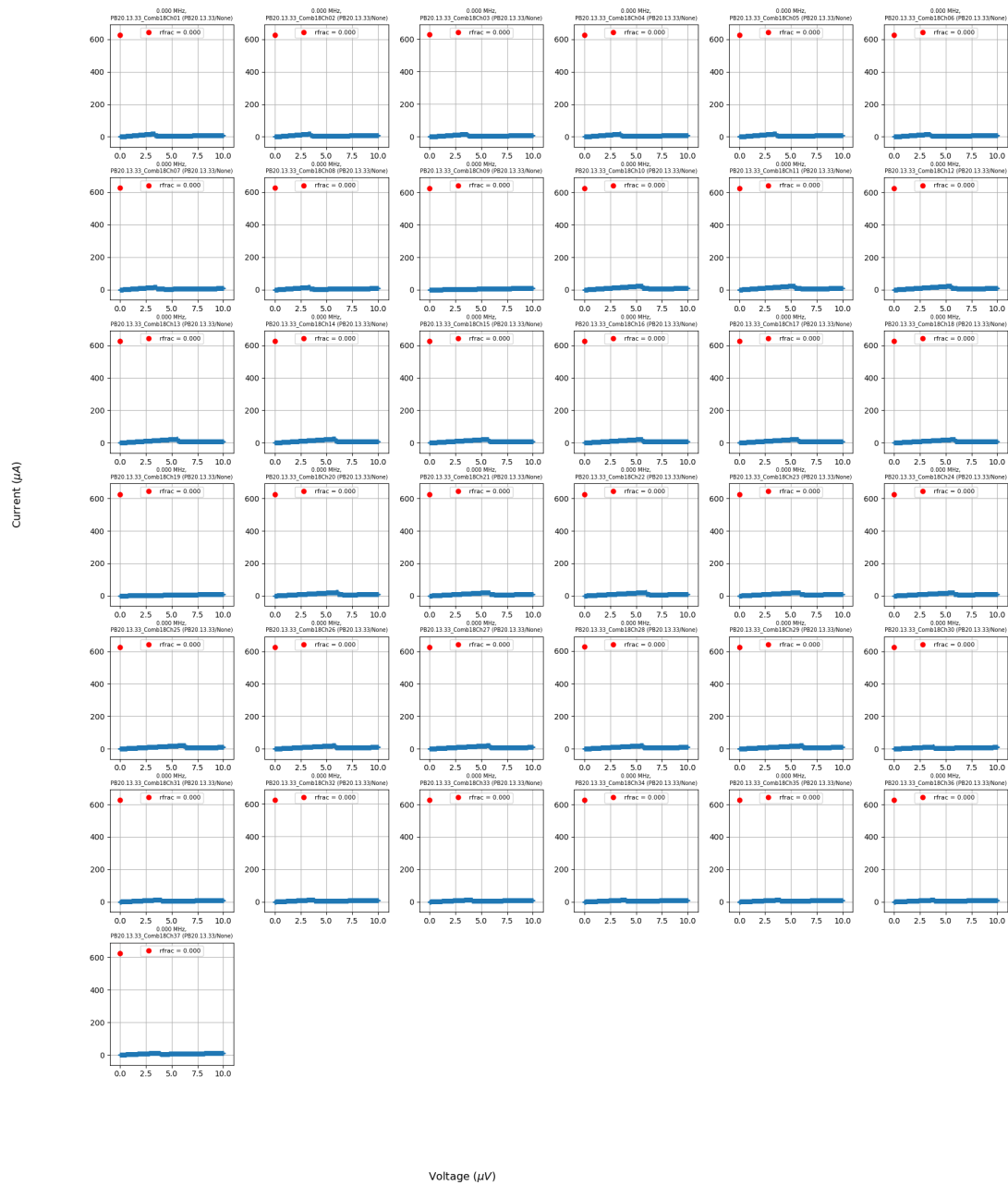| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	37
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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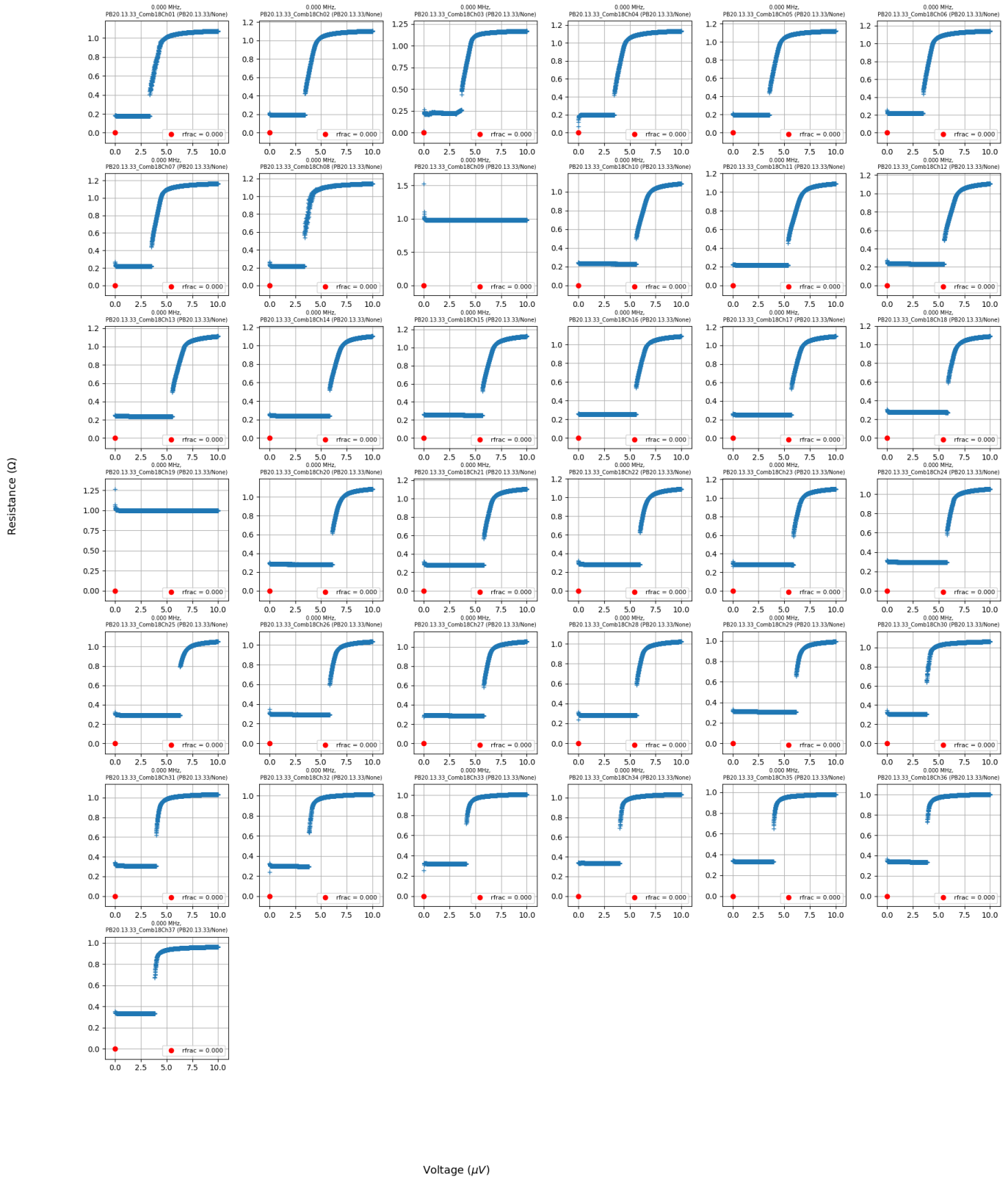
To convert Power values to RMS, divide by 2.

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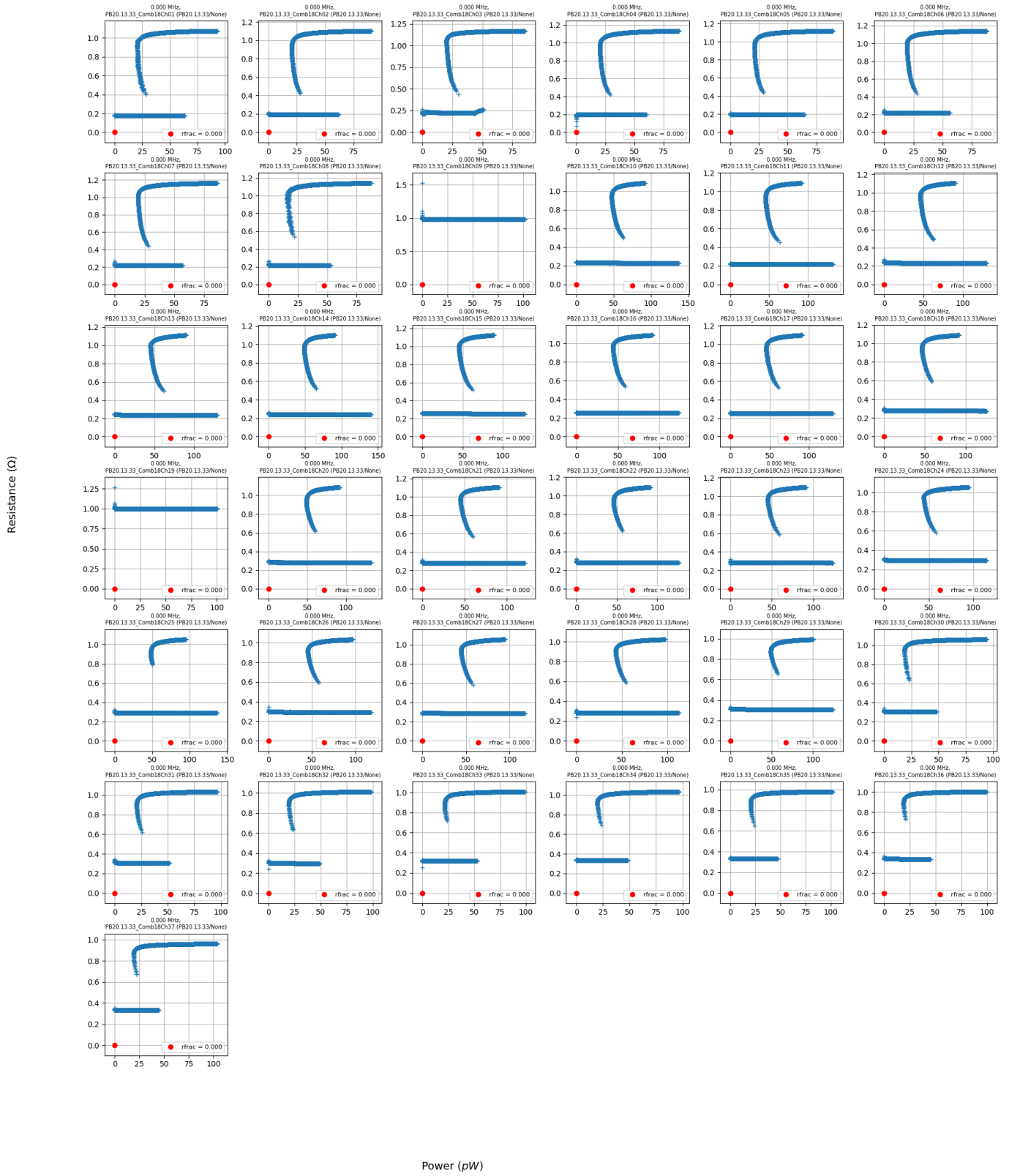
Plots

IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

R-P Curves for tuned bolometers, final state in red

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.33_Comb18Ch01	PB20.13.33/None	1570663.45681	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb18Ch02	PB20.13.33/None	1616516.11794	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb18Ch03	PB20.13.33/None	1660385.13649	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb18Ch04	PB20.13.33/None	1716079.71657	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb18Ch05	PB20.13.33/None	1771392.82692	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb18Ch06	PB20.13.33/None	1815109.25759	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb18Ch07	PB20.13.33/None	1861038.21266	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb18Ch08	PB20.13.33/None	1920852.66579	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb18Ch09	PB20.13.33/None	2041854.86306	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb18Ch10	PB20.13.33/None	2090911.86989	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb18Ch11	PB20.13.33/None	2148437.50466	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb18Ch12	PB20.13.33/None	2199783.32985	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb18Ch13	PB20.13.33/None	2265319.82888	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb18Ch14	PB20.13.33/None	2326507.57302	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb18Ch15	PB20.13.33/None	2372665.40993	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb18Ch16	PB20.13.33/None	2460174.5652	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb18Ch17	PB20.13.33/None	2505722.05056	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb18Ch18	PB20.13.33/None	2573776.24977	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb18Ch19	PB20.13.33/None	2660217.28981	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb18Ch20	PB20.13.33/None	2726974.49196	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb18Ch21	PB20.13.33/None	2776794.43825	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb18Ch22	PB20.13.33/None	2838897.70974	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb18Ch23	PB20.13.33/None	2948837.28493	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb18Ch24	PB20.13.33/None	3090133.67165	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb18Ch25	PB20.13.33/None	3171234.13552	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb18Ch26	PB20.13.33/None	3243560.79567	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb18Ch27	PB20.13.33/None	3295669.56032	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb18Ch28	PB20.13.33/None	3368530.27809	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb18Ch29	PB20.13.33/None	3494949.34548	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb18Ch30	PB20.13.33/None	3548660.28298	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33_Comb18Ch31	PB20.13.33/None	3620758.0613	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33_Comb18Ch32	PB20.13.33/None	3702545.17067	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33_Comb18Ch33	PB20.13.33/None	3841705.32692	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33_Comb18Ch34	PB20.13.33/None	3929519.65798	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.33_Comb18Ch35	PB20.13.33/None	4112548.83278	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.33_Comb18Ch36	PB20.13.33/None	4162292.48513	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.33_Comb18Ch37	PB20.13.33/None	4256286.62575	0.0000	N/A: target amplitude 0	0.0000