Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0403).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0403).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:27:53 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	28
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

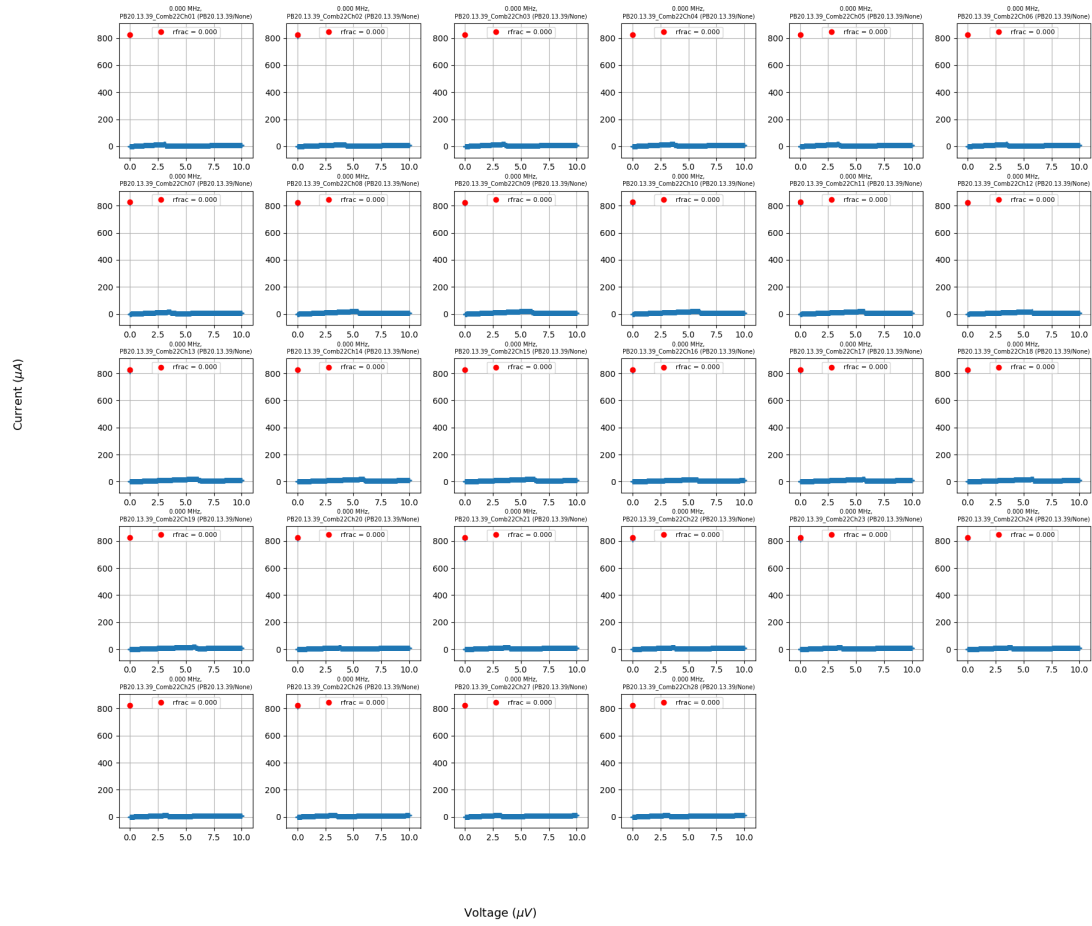All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

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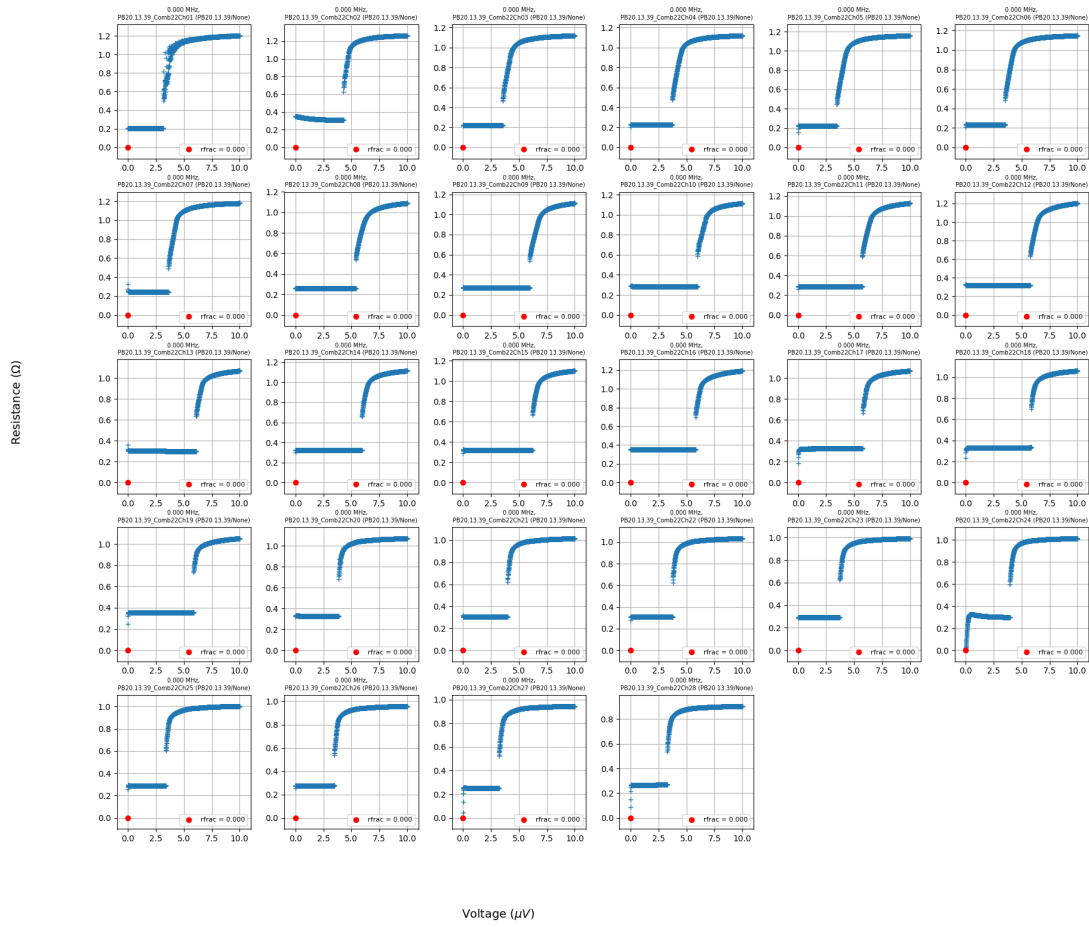
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

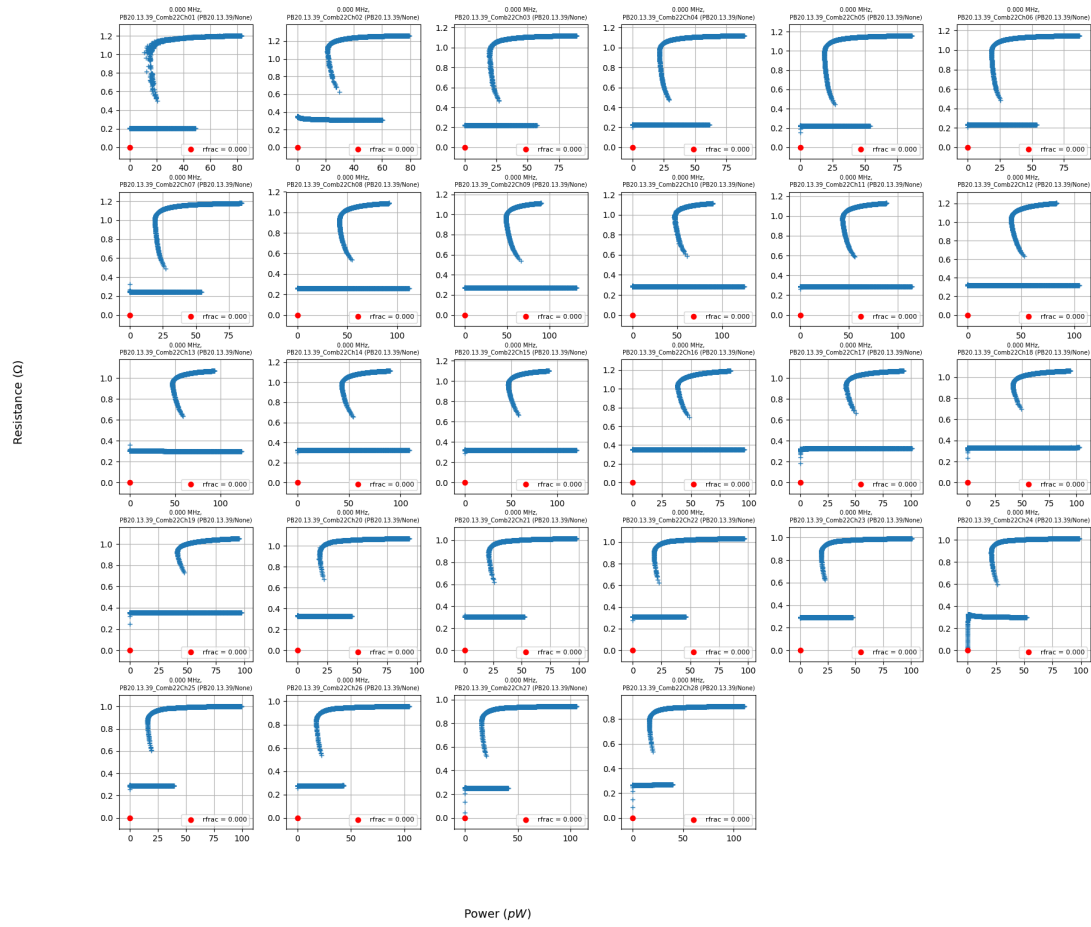IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

Resistance (Ω)

Voltage (μV)

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

Resistance (Ω)

Power (*pW*)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.39 _Comb22C h01	PB20.13.39/ None	1615371.70 876	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39 _Comb22C h02	PB20.13.39/ None	1673889.16 481	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39 _Comb22C h03	PB20.13.39/ None	1823577.88 552	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39 _Comb22C h04	PB20.13.39/ None	1874313.35 915	0.0000	N/A: target amplitude 0	0.0000

5	PB20.13.39_Comb22Ch05	PB20.13.39/None	1932601.93337	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39_Comb22Ch06	PB20.13.39/None	1988677.98317	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39_Comb22Ch07	PB20.13.39/None	2030181.88942	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb22Ch08	PB20.13.39/None	2277832.03591	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb22Ch09	PB20.13.39/None	2332992.55837	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb22Ch10	PB20.13.39/None	2443313.60329	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb22Ch11	PB20.13.39/None	2543716.43532	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb22Ch12	PB20.13.39/None	2808303.83766	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb22Ch13	PB20.13.39/None	2930374.15016	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb22Ch14	PB20.13.39/None	3037567.14333	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.39_Comb22Ch15	PB20.13.39/None	3122634.89235	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39_Comb22Ch16	PB20.13.39/None	3249359.13552	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39_Comb22Ch17	PB20.13.39/None	3414611.82106	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39_Comb22Ch18	PB20.13.39/None	3486633.30544	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39_Comb22Ch19	PB20.13.39/None	3577651.9822	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39_Comb22Ch20	PB20.13.39/None	3636474.61403	0.0000	N/A: target amplitude 0	0.0000

21	PB20.13.39_Comb22Ch21	PB20.13.39/None	3740615.84938	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39_Comb22Ch22	PB20.13.39/None	3811111.45485	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39_Comb22Ch23	PB20.13.39/None	3963165.28786	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39_Comb22Ch24	PB20.13.39/None	4045333.86696	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39_Comb22Ch25	PB20.13.39/None	4135513.31032	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39_Comb22Ch26	PB20.13.39/None	4232025.15114	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39_Comb22Ch27	PB20.13.39/None	4277954.10622	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39_Comb22Ch28	PB20.13.39/None	4398498.53981	0.0000	N/A: target amplitude 0	0.0000