Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0423).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0423).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:32:07 2019
HWM used	190221_run17b_hwm
Outcome	success

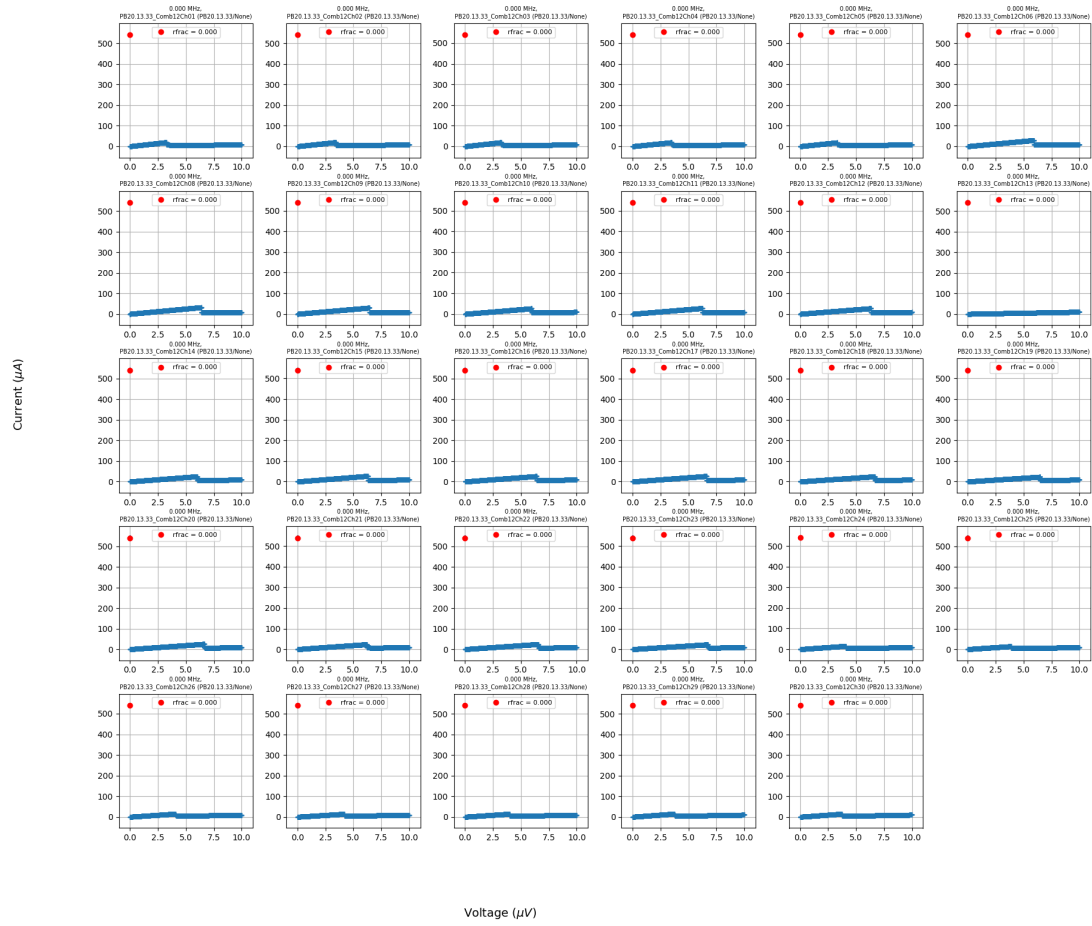| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	29
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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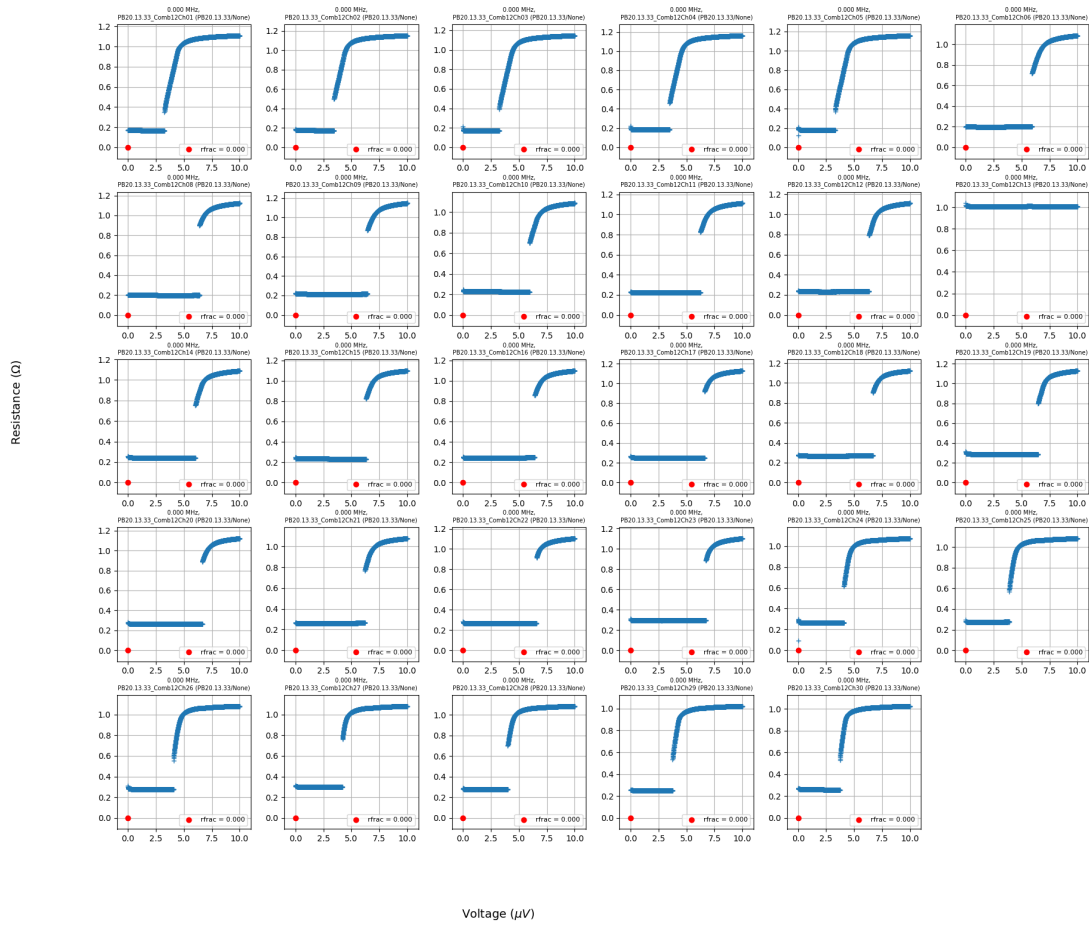
To convert Power values to RMS, divide by 2.

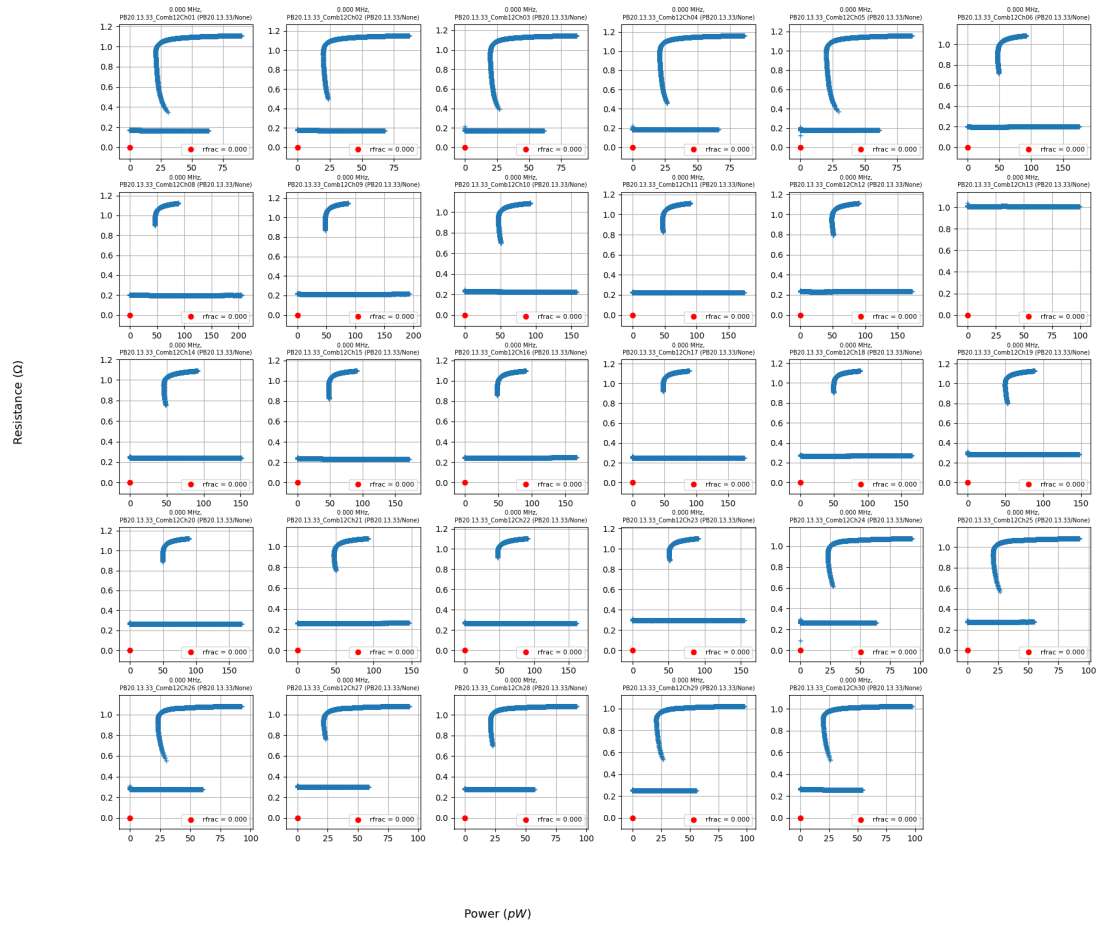To convert Current or Voltage to RMS, divide by sqrt(2).

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	PB20.13.33 _Comb12C h01	PB20.13.33/ None	1728591.92 36	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33 _Comb12C h02	PB20.13.33/ None	1783523.56 423	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33 _Comb12C h03	PB20.13.33/ None	1838531.49 88	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33 _Comb12C h04	PB20.13.33/ None	1880874.63 845	0.0000	N/A: target amplitude 0	0.0000

5	PB20.13.33_Comb12Ch05	PB20.13.33/None	1930847.17262	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb12Ch06	PB20.13.33/None	2161941.53298	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb12Ch08	PB20.13.33/None	2280960.08766	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb12Ch09	PB20.13.33/None	2418670.65895	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb12Ch10	PB20.13.33/None	2550659.18434	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb12Ch11	PB20.13.33/None	2597885.13649	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb12Ch12	PB20.13.33/None	2652359.01345	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb12Ch13	PB20.13.33/None	2761077.88552	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb12Ch14	PB20.13.33/None	2861709.59938	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.33_Comb12Ch15	PB20.13.33/None	2940902.71462	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb12Ch16	PB20.13.33/None	3052062.99294	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb12Ch17	PB20.13.33/None	3127746.58669	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb12Ch18	PB20.13.33/None	3208465.58083	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb12Ch19	PB20.13.33/None	3268585.20974	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb12Ch20	PB20.13.33/None	3359146.12282	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb12Ch21	PB20.13.33/None	3418884.282	0.0000	N/A: target amplitude 0	0.0000

22	PB20.13.33_Comb12Ch22	PB20.13.33/None	3495178.22731	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb12Ch23	PB20.13.33/None	3599319.46266	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb12Ch24	PB20.13.33/None	3750381.47438	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb12Ch25	PB20.13.33/None	3974609.37966	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb12Ch26	PB20.13.33/None	4070739.75075	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb12Ch27	PB20.13.33/None	4156265.26345	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb12Ch28	PB20.13.33/None	4253005.9861	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb12Ch29	PB20.13.33/None	4303970.34157	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb12Ch30	PB20.13.33/None	4405364.99489	0.0000	N/A: target amplitude 0	0.0000