Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0439).MGMEZZ04(2,None).ReadoutModule(4)
Reduced target name	IceBoard(0439).Mezz(2).ReadoutModule(4)
Date	Mon Feb 25 17:27:16 2019
HWM used	190221_run17b_hwm
Outcome	success

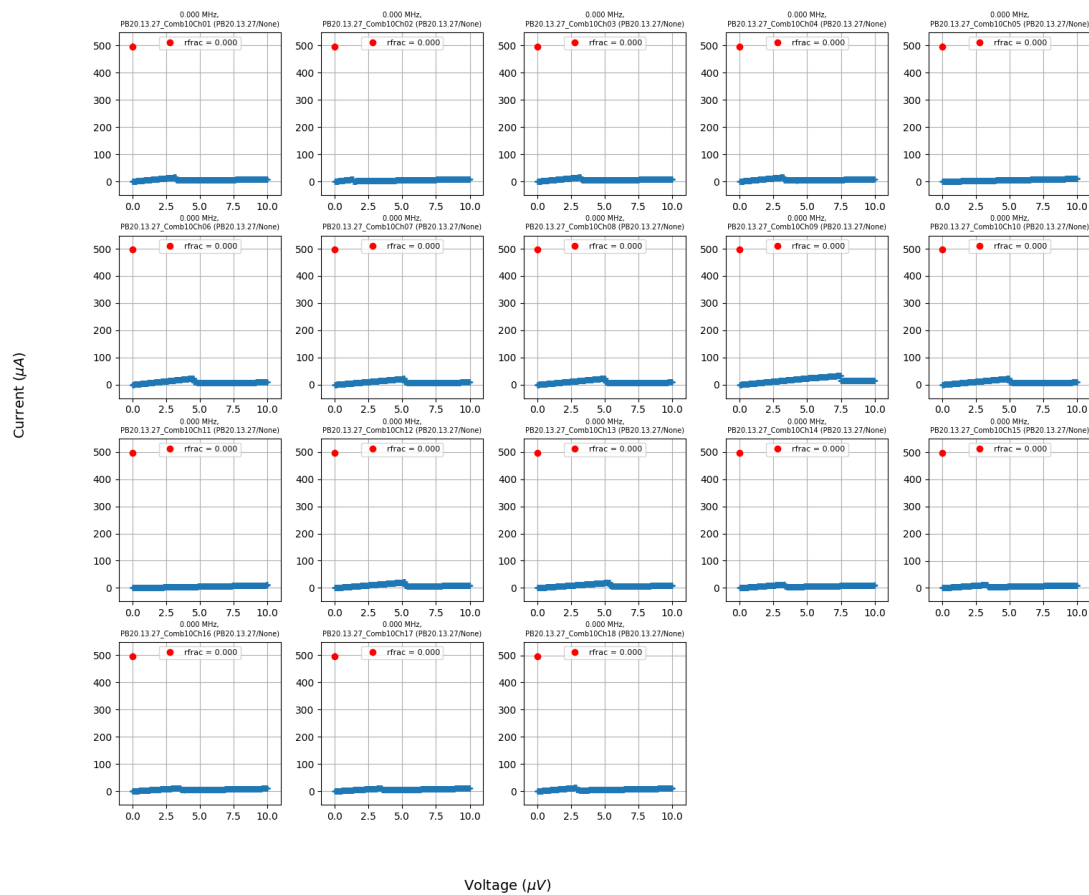| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	18
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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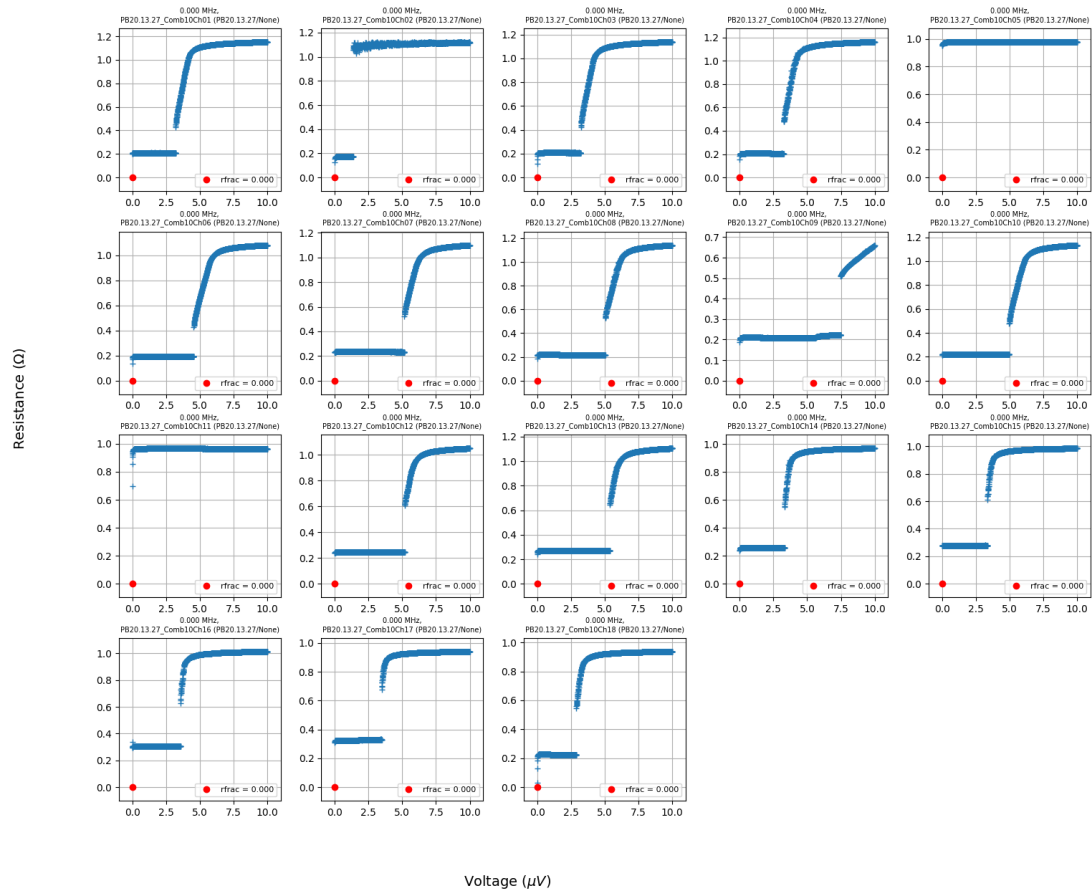
To convert Power values to RMS, divide by 2.

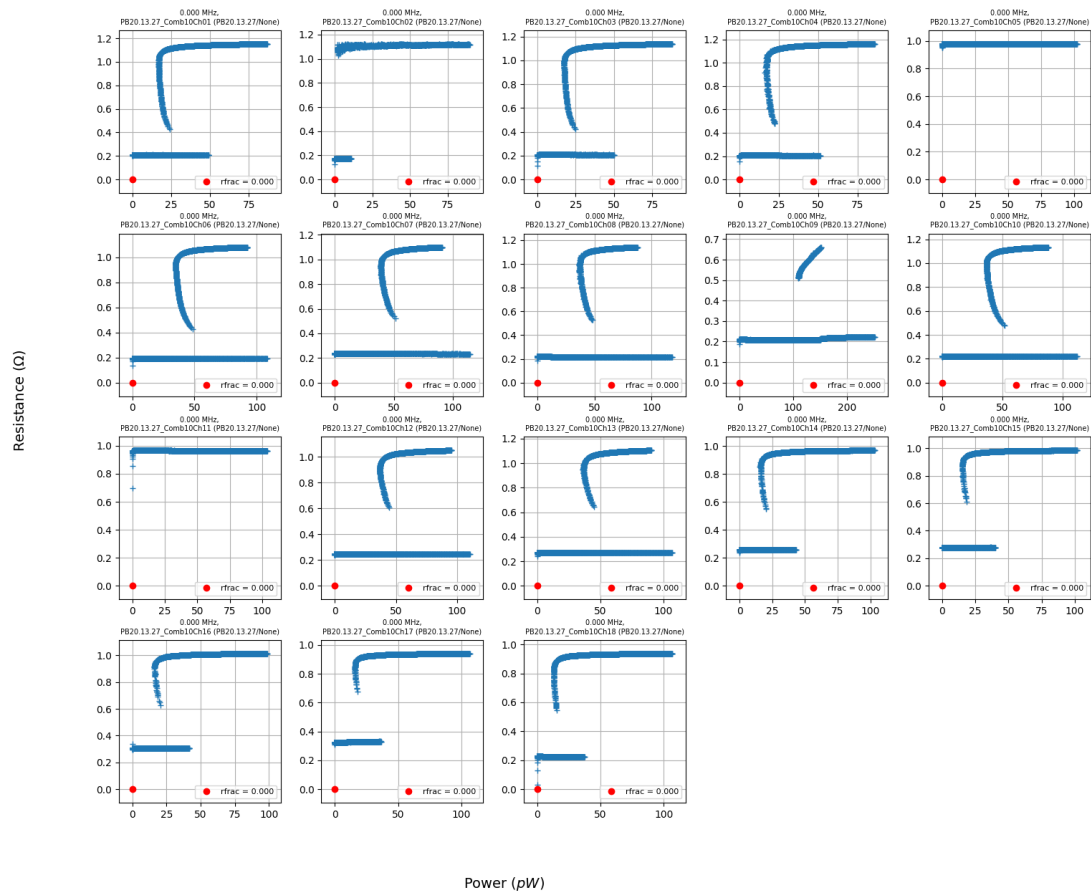To convert Current or Voltage to RMS, divide by sqrt(2).

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

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.27 _Comb10C h01	PB20.13.27/ None	1727371.22 048	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27 _Comb10C h02	PB20.13.27/ None	1889038.09 059	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27 _Comb10C h03	PB20.13.27/ None	1938095.09 743	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27 _Comb10C h04	PB20.13.27/ None	1997222.90 505	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27 _Comb10C h05	PB20.13.27/ None	2120819.09 645	0.0000	N/A: target amplitude 0	0.0000

6	PB20.13.27_Comb10Ch06	PB20.13.27/None	2292861.94313	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb10Ch07	PB20.13.27/None	2351074.22341	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb10Ch08	PB20.13.27/None	2422409.06227	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb10Ch09	PB20.13.27/None	2561187.7488	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb10Ch10	PB20.13.27/None	2597808.84255	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb10Ch11	PB20.13.27/None	2766265.8738	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb10Ch12	PB20.13.27/None	3140640.26345	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb10Ch13	PB20.13.27/None	3197097.78298	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb10Ch14	PB20.13.27/None	3838653.56911	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.27_Comb10Ch15	PB20.13.27/None	3994140.62966	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb10Ch16	PB20.13.27/None	4064559.94118	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb10Ch17	PB20.13.27/None	4312591.55739	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb10Ch18	PB20.13.27/None	4415664.67751	0.0000	N/A: target amplitude 0	0.0000