Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0442).MGMEZZ04(2,None).ReadoutModule(1)
Reduced target name	IceBoard(0442).Mezz(2).ReadoutModule(1)
Date	Mon Feb 25 17:34:41 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	34
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

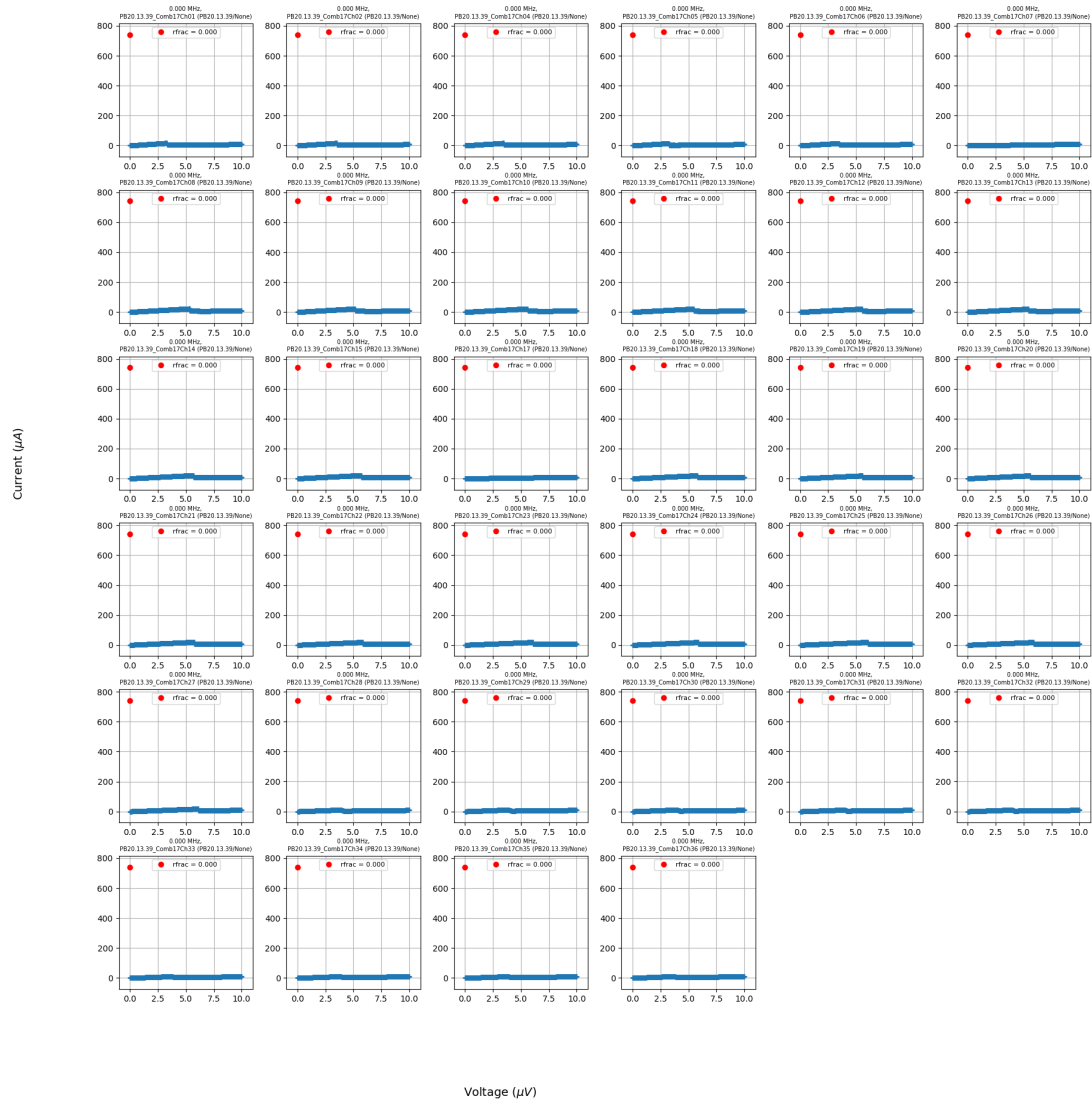All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

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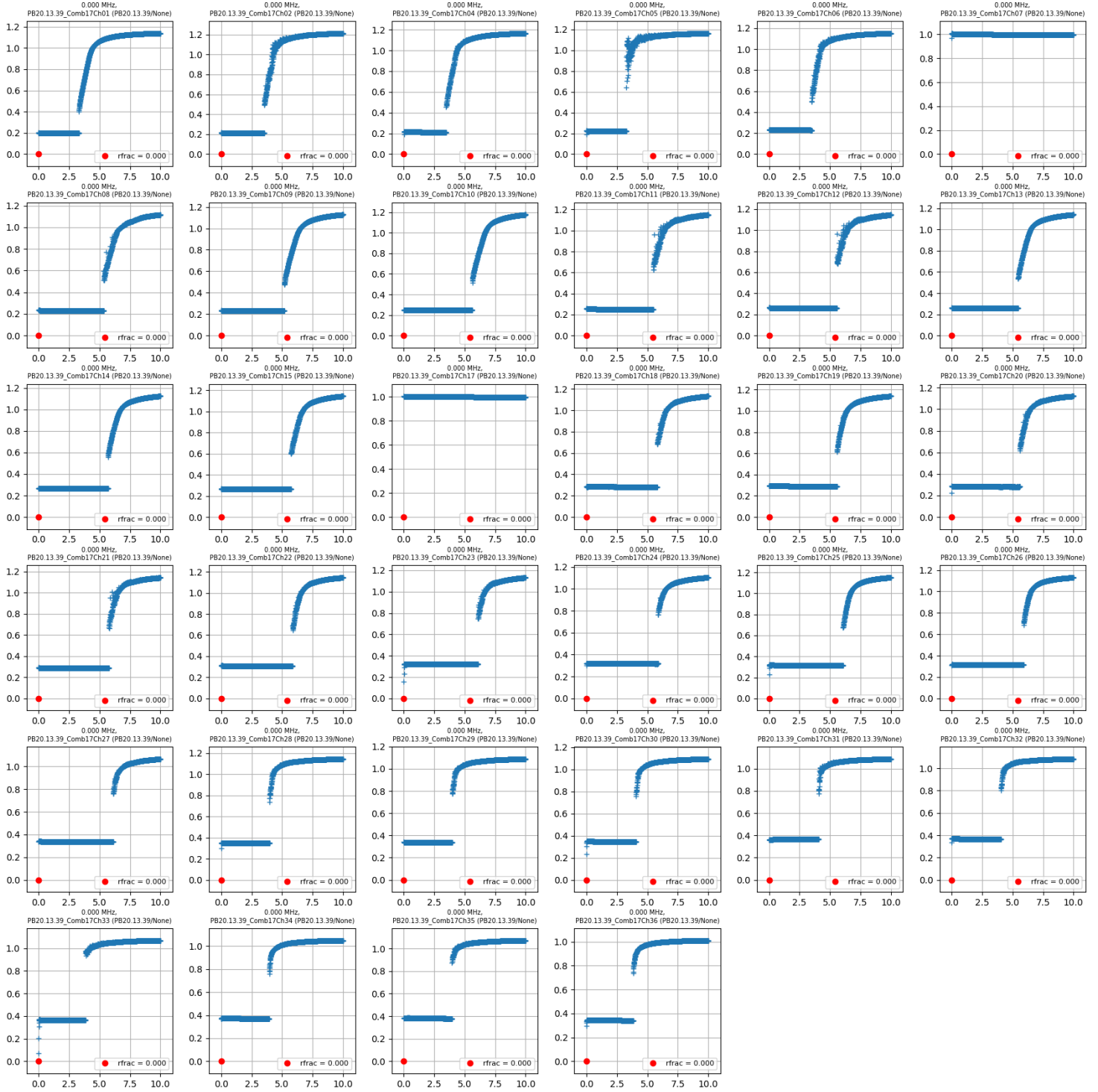
To convert Current or Voltage to RMS, divide by sqrt(2).

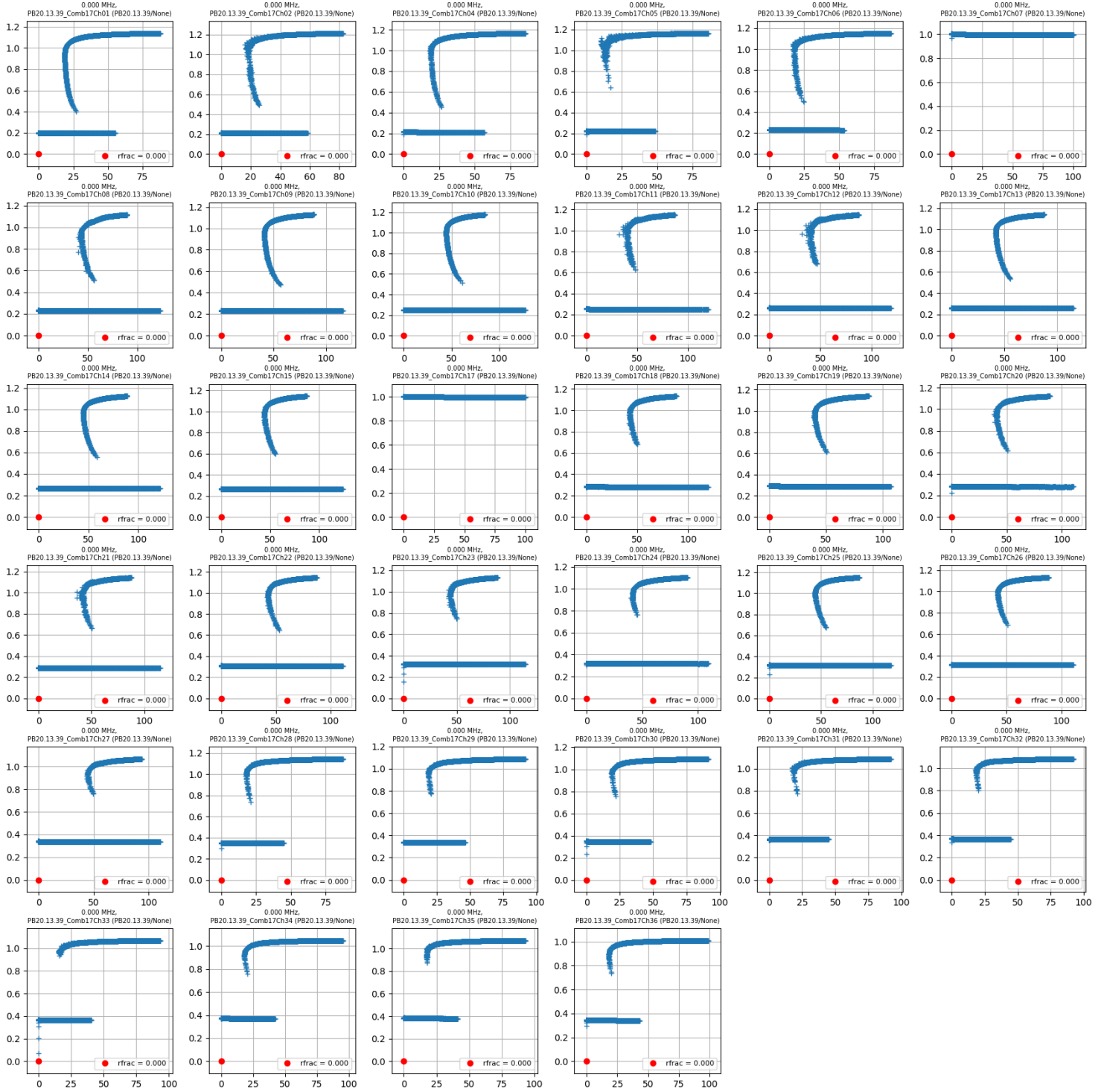# Plots

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	PB20.13.39 _Comb17C h01	PB20.13.39/ None	1671218.87 673	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39 _Comb17C h02	PB20.13.39/ None	1722412.11 403	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39 _Comb17C h04	PB20.13.39/ None	1874389.65 309	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39 _Comb17C h05	PB20.13.39/ None	1979293.82 79	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39 _Comb17C h06	PB20.13.39/ None	2038574.22 341	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39 _Comb17C h07	PB20.13.39/ None	2112121.58 669	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39 _Comb17C h08	PB20.13.39/ None	2158126.83 571	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39 _Comb17C h09	PB20.13.39/ None	2217483.52 516	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39 _Comb17C h10	PB20.13.39/ None	2274093.63 259	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39 _Comb17C h11	PB20.13.39/ None	2338409.42 849	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39 _Comb17C h12	PB20.13.39/ None	2406768.80 349	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39 _Comb17C h13	PB20.13.39/ None	2457199.10 134	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39 _Comb17C h14	PB20.13.39/ None	2542037.96 852	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.39 _Comb17C h15	PB20.13.39/ None	2584915.16 579	0.0000	N/A: target amplitude 0	0.0000

17	PB20.13.39_Comb17Ch17	PB20.13.39/None	2749252.32399	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39_Comb17Ch18	PB20.13.39/None	2816619.8777	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39_Comb17Ch19	PB20.13.39/None	2863616.94802	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39_Comb17Ch20	PB20.13.39/None	2932739.26247	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39_Comb17Ch21	PB20.13.39/None	3047027.59255	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39_Comb17Ch22	PB20.13.39/None	3113174.44313	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39_Comb17Ch23	PB20.13.39/None	3263626.10329	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39_Comb17Ch24	PB20.13.39/None	3349914.55544	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39_Comb17Ch25	PB20.13.39/None	3402862.55349	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39_Comb17Ch26	PB20.13.39/None	3475646.97731	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39_Comb17Ch27	PB20.13.39/None	3603820.80544	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39_Comb17Ch28	PB20.13.39/None	3651123.05153	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39_Comb17Ch29	PB20.13.39/None	3734588.6277	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39_Comb17Ch30	PB20.13.39/None	3824768.07106	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.39_Comb17Ch31	PB20.13.39/None	3959350.59059	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39_Comb17Ch32	PB20.13.39/None	4045333.86696	0.0000	N/A: target amplitude 0	0.0000

33	PB20.13.39_Comb17Ch33	PB20.13.39/None	4146957.40212	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.39_Comb17Ch34	PB20.13.39/None	4239196.782	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.39_Comb17Ch35	PB20.13.39/None	4289245.61012	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.39_Comb17Ch36	PB20.13.39/None	4378051.76247	0.0000	N/A: target amplitude 0	0.0000