

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0437).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0437).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:30:41 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	35
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

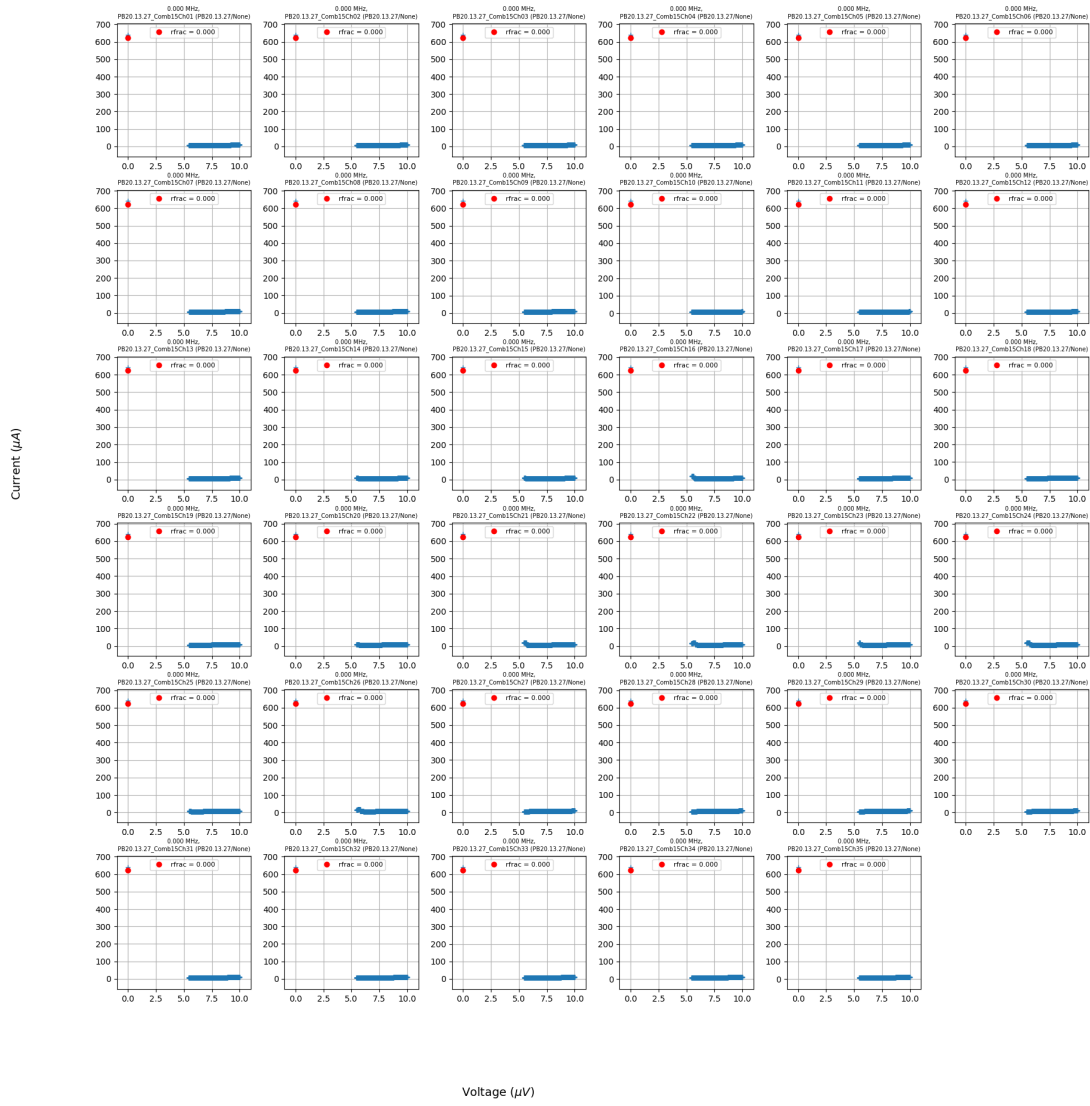
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

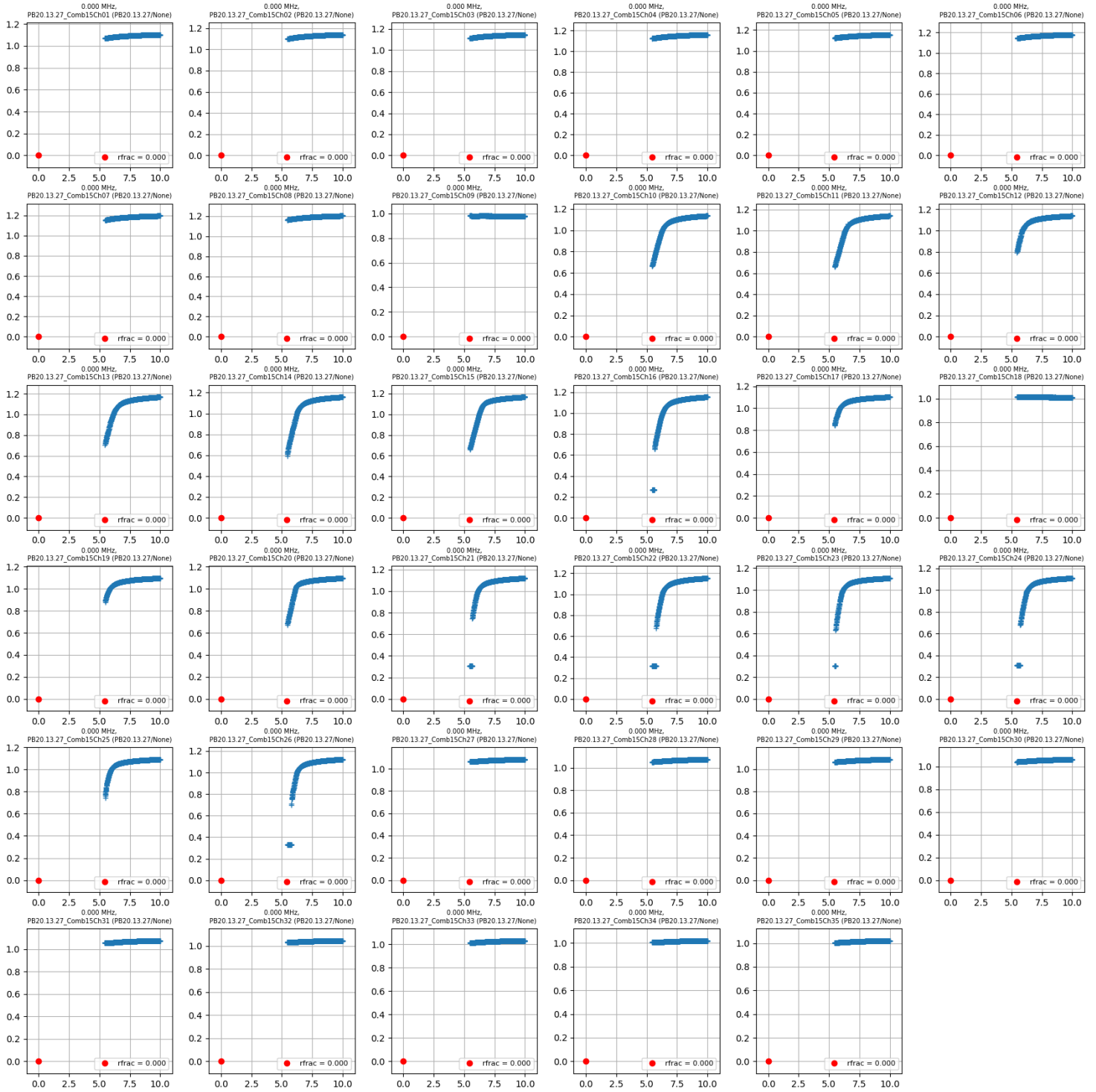
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

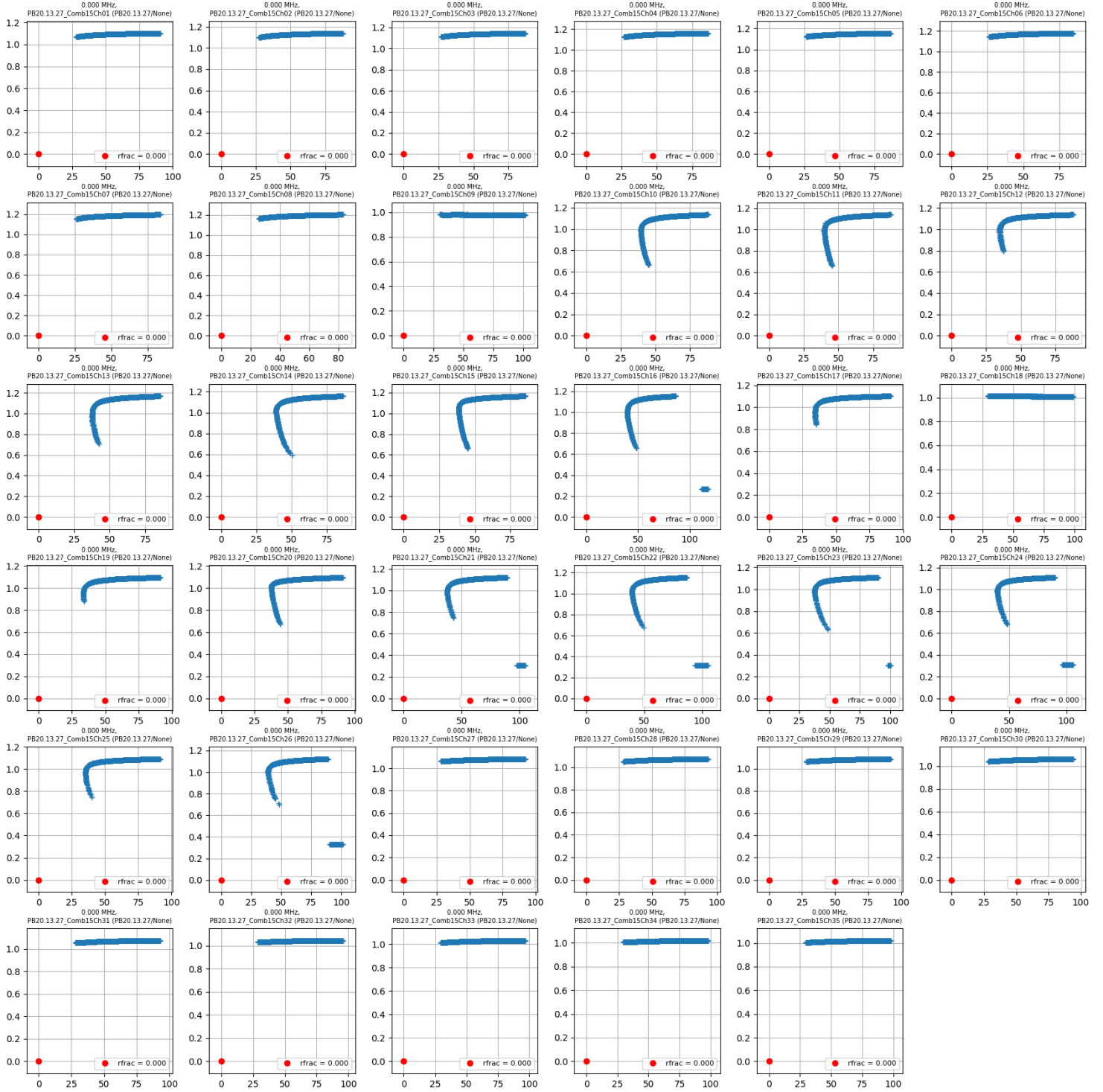


RV Curves for tuned bolometers, final state in red



Voltage (μV)

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



Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.27_Comb15C h01	PB20.13.27/None	1601562.50466	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb15C h02	PB20.13.27/None	1646270.75661	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb15C h03	PB20.13.27/None	1696243.29079	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb15C h04	PB20.13.27/None	1752624.51637	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb15C h05	PB20.13.27/None	1804275.51735	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb15C h06	PB20.13.27/None	1845779.4236	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb15C h07	PB20.13.27/None	1897506.71852	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb15C h08	PB20.13.27/None	1955947.88063	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb15C h09	PB20.13.27/None	2082748.41774	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb15C h10	PB20.13.27/None	2133026.1277	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb15C h11	PB20.13.27/None	2183074.95583	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb15C h12	PB20.13.27/None	2242279.05739	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb15C h13	PB20.13.27/None	2306060.79567	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb15C h14	PB20.13.27/None	2374572.75856	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb15C h15	PB20.13.27/ None	2417907.71 95	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb15C h16	PB20.13.27/ None	2549514.77 516	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb15C h17	PB20.13.27/ None	2620239.26 247	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb15C h18	PB20.13.27/ None	2717666.63 063	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb15C h19	PB20.13.27/ None	2831115.72 731	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb15C h20	PB20.13.27/ None	3005752.56 813	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb15C h21	PB20.13.27/ None	3072509.77 028	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb15C h22	PB20.13.27/ None	3144607.54 86	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb15C h23	PB20.13.27/ None	3227767.94 899	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb15C h24	PB20.13.27/ None	3292922.97 829	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb15C h25	PB20.13.27/ None	3364334.11 11	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb15C h26	PB20.13.27/ None	3434906.01 052	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb15C h27	PB20.13.27/ None	3617782.59 743	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb15C h28	PB20.13.27/ None	3684539.79 958	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb15C h29	PB20.13.27/ None	3772048.95 485	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb15C h30	PB20.13.27/ None	3912124.63 845	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb15C h31	PB20.13.27/ None	4002456.66 97	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27 _Comb15C h32	PB20.13.27/ None	4100952.15 309	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27 _Comb15C h33	PB20.13.27/ None	4174957.28 005	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27 _Comb15C h34	PB20.13.27/ None	4236068.73 024	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.27 _Comb15C h35	PB20.13.27/ None	4332199.10 134	0.0000	N/A: target amplitude 0	0.0000