

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0414).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0414).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:22:02 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	31
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

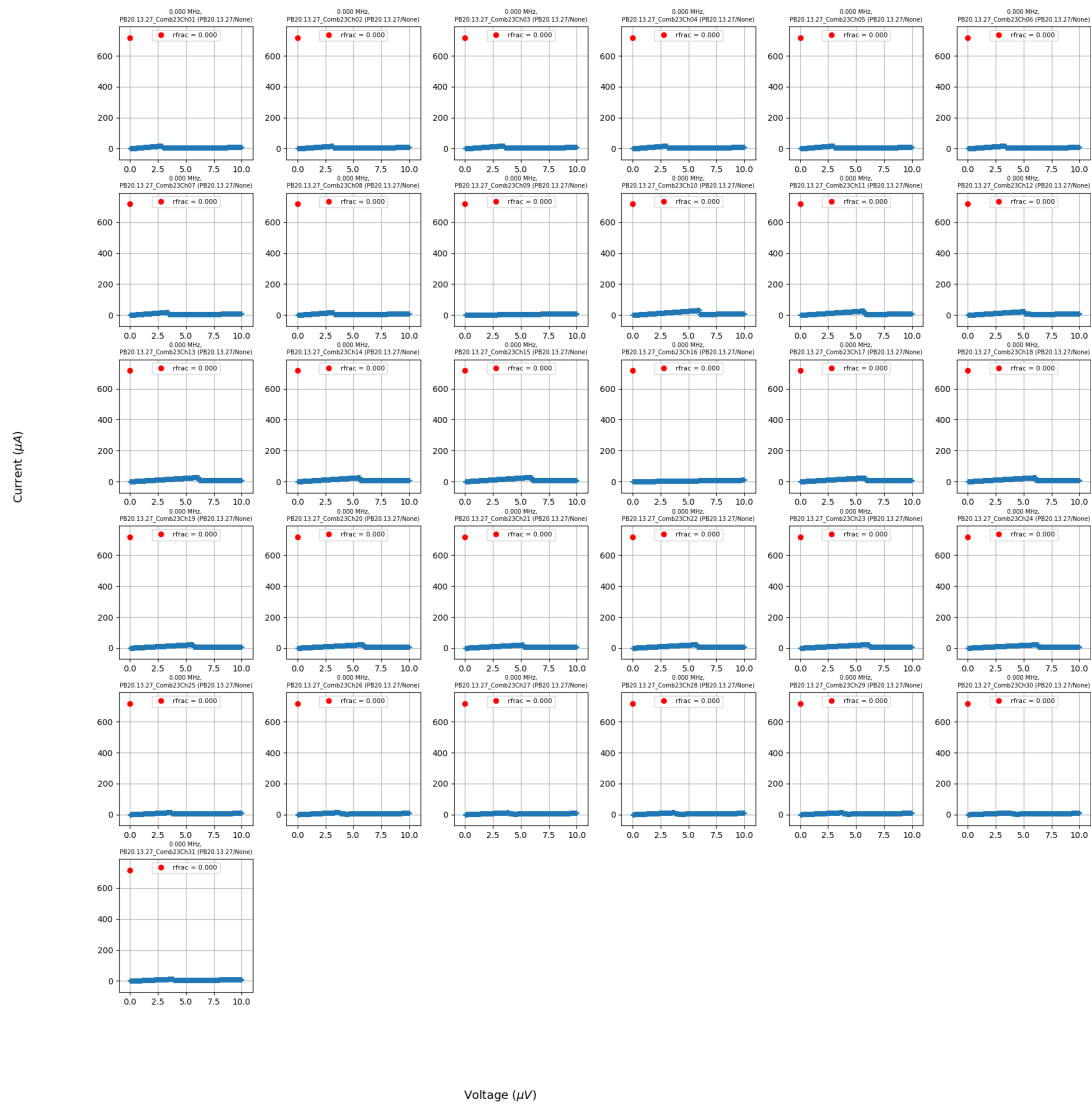
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

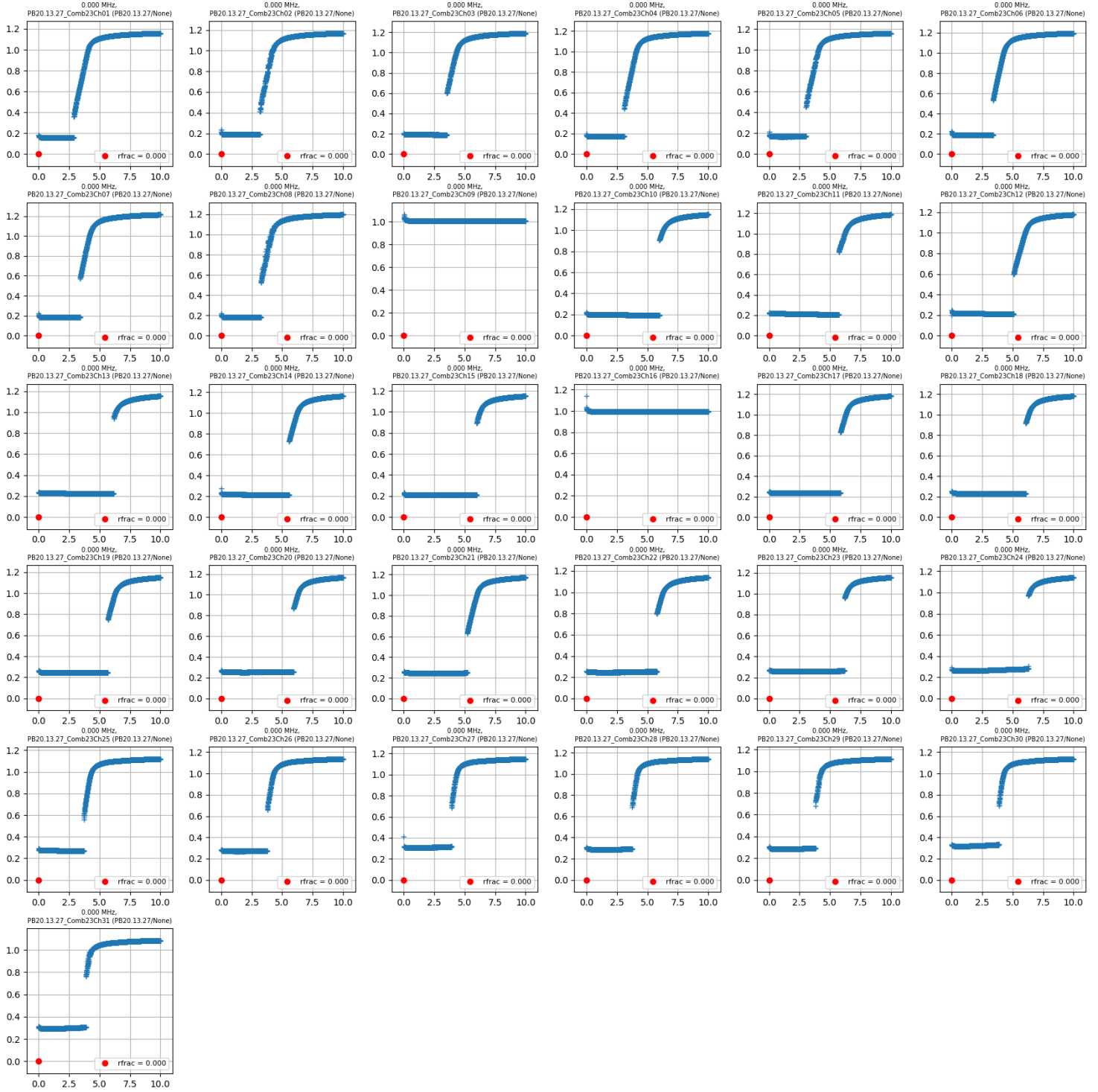
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

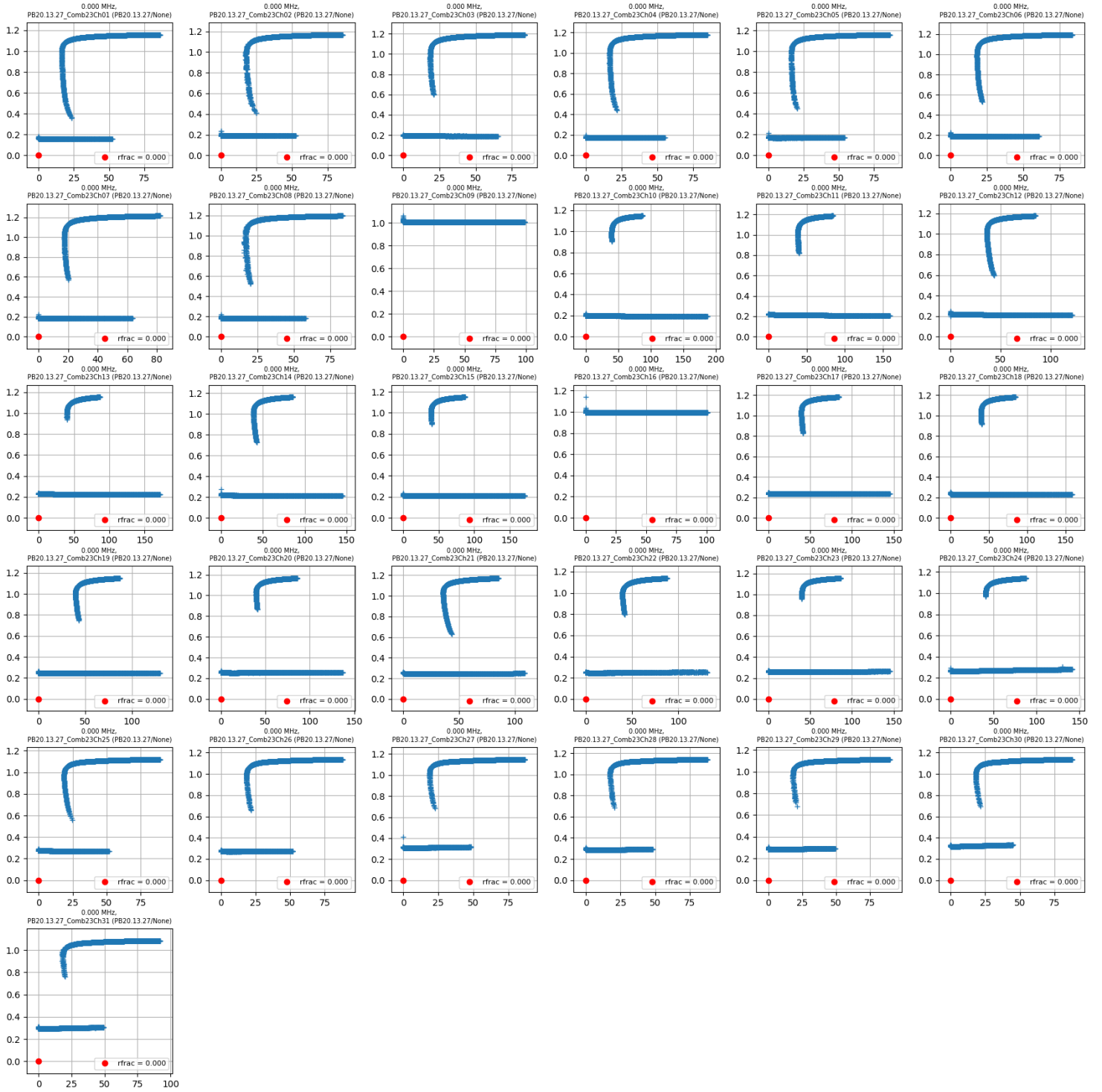


RV Curves for tuned bolometers, final state in red



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_Comb23C h01	PB20.13.27/None	1619262.69 997	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb23C h02	PB20.13.27/None	1659393.31 52	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb23C h03	PB20.13.27/None	1705474.85 817	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb23C h04	PB20.13.27/None	1769256.59 645	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb23C h05	PB20.13.27/None	1830520.63 454	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb23C h06	PB20.13.27/None	1861801.15 212	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb23C h07	PB20.13.27/None	1904449.46 755	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb23C h08	PB20.13.27/None	1977767.94 899	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb23C h09	PB20.13.27/None	2115783.69 606	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb23C h10	PB20.13.27/None	2210388.18 825	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb23C h11	PB20.13.27/None	2251434.33 083	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb23C h12	PB20.13.27/None	2383422.85 622	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb23C h13	PB20.13.27/None	2526855.47 341	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb23C h14	PB20.13.27/None	2567596.44 02	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb23C h15	PB20.13.27/ None	2637634.28 2	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb23C h16	PB20.13.27/ None	2752380.37 575	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb23C h17	PB20.13.27/ None	2799301.15 212	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb23C h18	PB20.13.27/ None	2843093.87 673	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb23C h19	PB20.13.27/ None	3038101.20 095	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb23C h20	PB20.13.27/ None	3089065.55 641	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb23C h21	PB20.13.27/ None	3244628.91 091	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb23C h22	PB20.13.27/ None	3327636.72 341	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb23C h23	PB20.13.27/ None	3386383.06 13	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb23C h24	PB20.13.27/ None	3450775.15 114	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb23C h25	PB20.13.27/ None	3708877.56 813	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb23C h26	PB20.13.27/ None	3790969.85 329	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb23C h27	PB20.13.27/ None	3944549.56 52	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb23C h28	PB20.13.27/ None	4122009.28 2	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb23C h29	PB20.13.27/ None	4208984.37 966	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb23C h30	PB20.13.27/ None	4278945.92 751	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb23C h31	PB20.13.27/ None	4359054.57 009	0.0000	N/A: target amplitude 0	0.0000
----	-------------------------------	---------------------	-------------------	--------	----------------------------	--------