

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0416).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0416).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:21:22 2019
HWM used	190221_run17b_hwm
Outcome	success

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### Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	33
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.

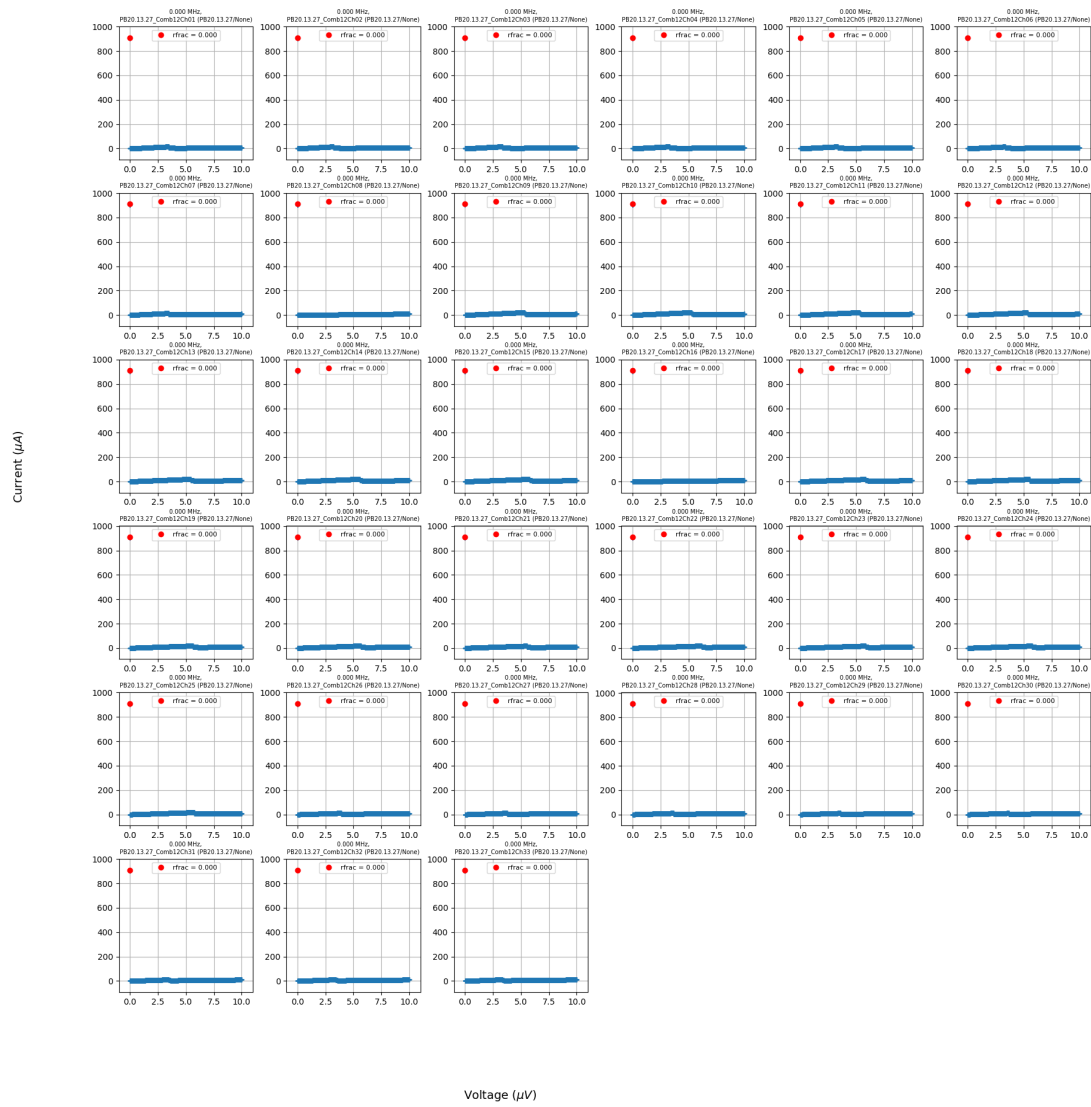
To convert Power values to RMS, divide by 2.

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

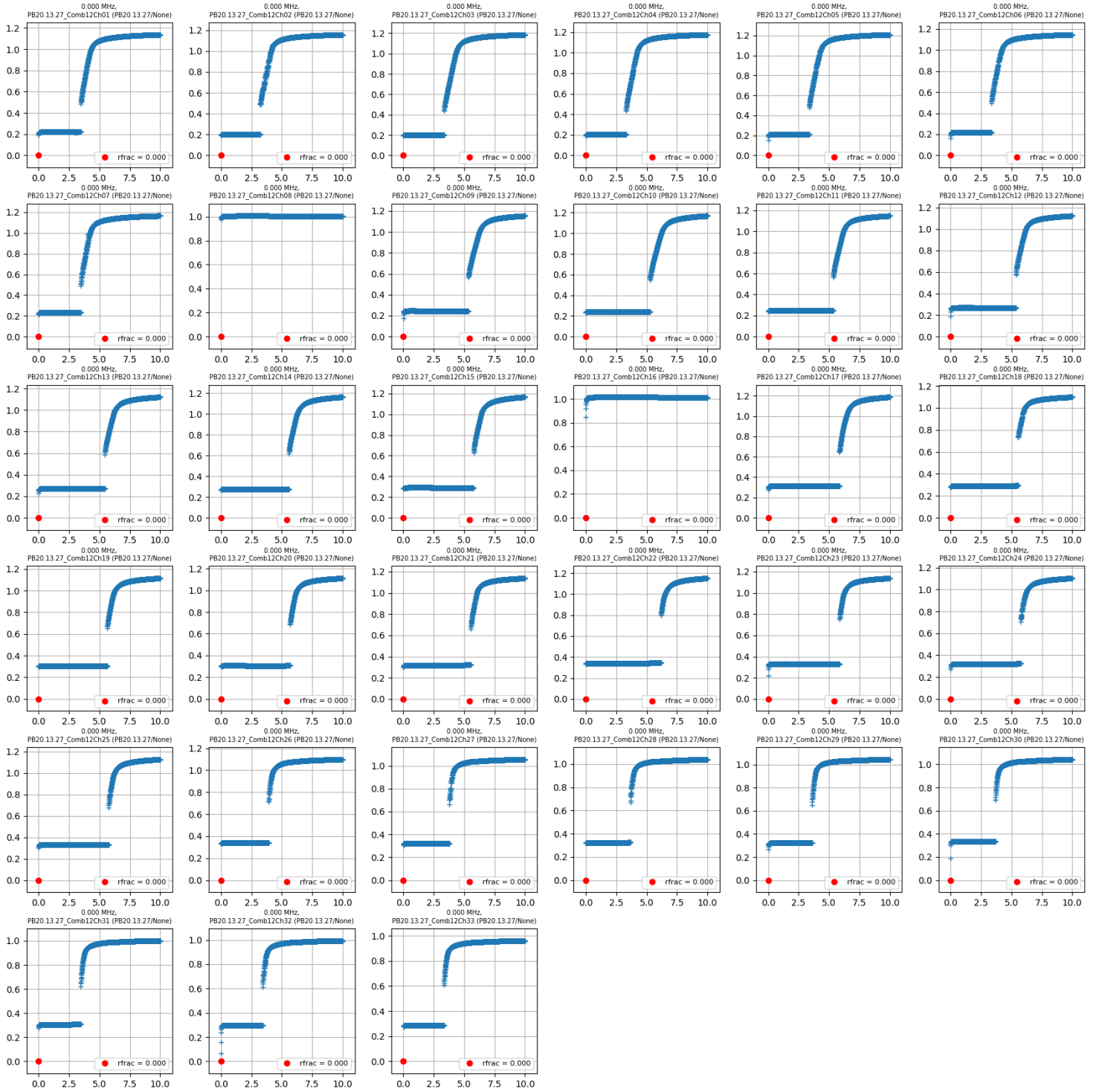
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## Plots

IV Curves for tuned bolometers, final state in red

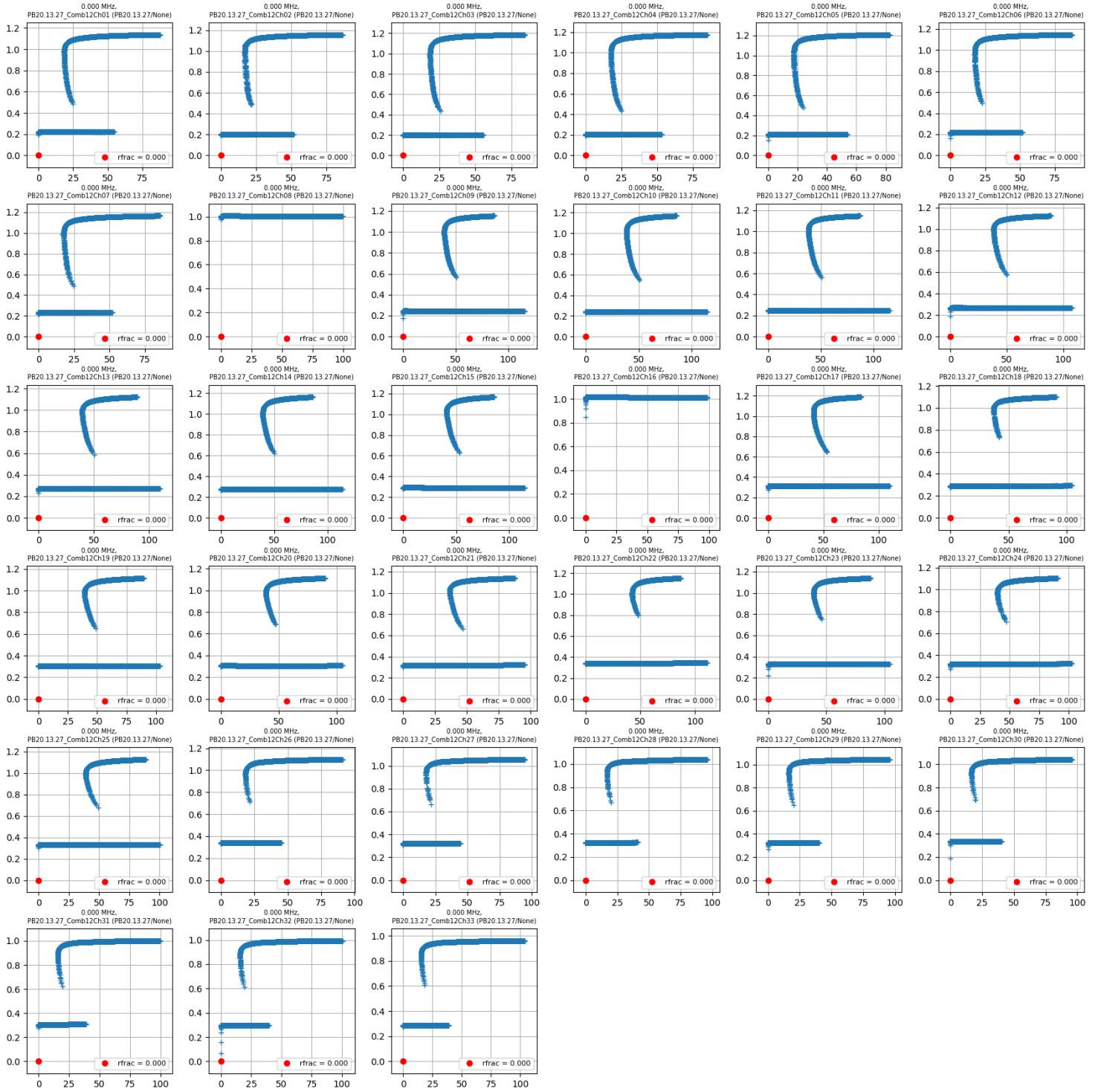


# RV Curves for tuned bolometers, final state in red



Voltage ( $\mu V$ )

# 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	PB20.13.27_Comb12C h01	PB20.13.27/None	1638183.59841	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb12C h02	PB20.13.27/None	1687698.36891	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb12C h03	PB20.13.27/None	1734466.55739	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb12C h04	PB20.13.27/None	1794662.48024	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb12C h05	PB20.13.27/None	1847534.18434	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb12C h06	PB20.13.27/None	2005691.53298	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb12C h07	PB20.13.27/None	2058868.41286	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb12C h08	PB20.13.27/None	2134399.41872	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb12C h09	PB20.13.27/None	2176284.7947	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb12C h10	PB20.13.27/None	2237472.53884	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb12C h11	PB20.13.27/None	2361602.78786	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb12C h12	PB20.13.27/None	2472152.71462	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb12C h13	PB20.13.27/None	2563629.15505	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb12C h14	PB20.13.27/None	2605438.23708	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb12C h15	PB20.13.27/ None	2672576.90 895	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb12C h16	PB20.13.27/ None	2779235.84 45	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb12C h17	PB20.13.27/ None	2840042.11 891	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb12C h18	PB20.13.27/ None	2957458.50 075	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb12C h19	PB20.13.27/ None	3068847.66 091	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb12C h20	PB20.13.27/ None	3144989.01 833	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb12C h21	PB20.13.27/ None	3206253.05 641	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb12C h22	PB20.13.27/ None	3290863.04 177	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb12C h23	PB20.13.27/ None	3367538.45 681	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb12C h24	PB20.13.27/ None	3438034.06 227	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb12C h25	PB20.13.27/ None	3511657.71 95	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb12C h26	PB20.13.27/ None	3685073.85 72	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb12C h27	PB20.13.27/ None	3849716.19 118	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb12C h28	PB20.13.27/ None	3996047.97 829	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb12C h29	PB20.13.27/ None	4076614.38 454	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb12C h30	PB20.13.27/ None	4177703.86 208	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb12C h31	PB20.13.27/ None	4270401.00 563	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27 _Comb12C h32	PB20.13.27/ None	4323959.35 524	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27 _Comb12C h33	PB20.13.27/ None	4423751.83 571	0.0000	N/A: target amplitude 0	0.0000