

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0440).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0440).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:22:43 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	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.

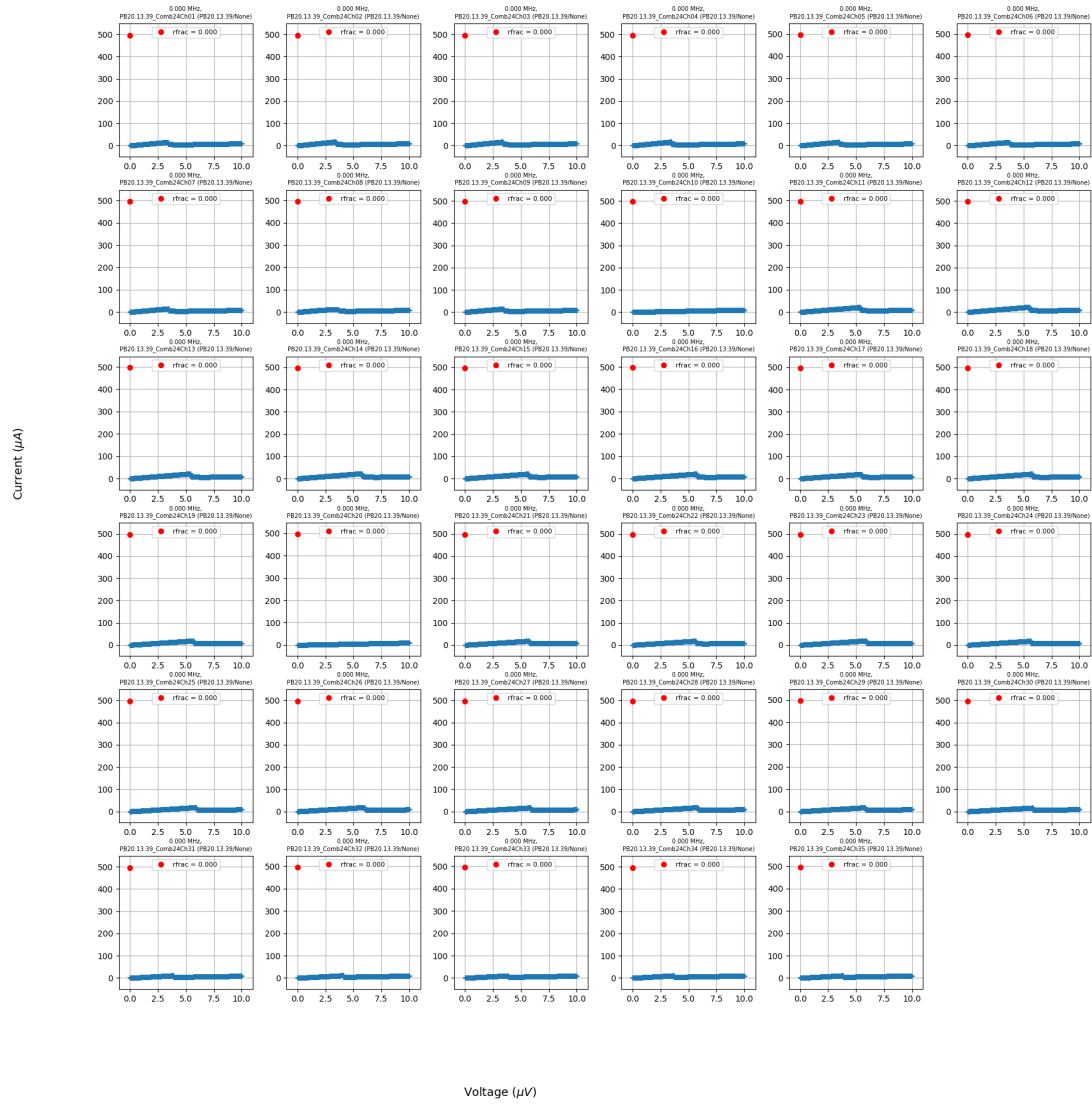
To convert Power values to RMS, divide by 2.

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

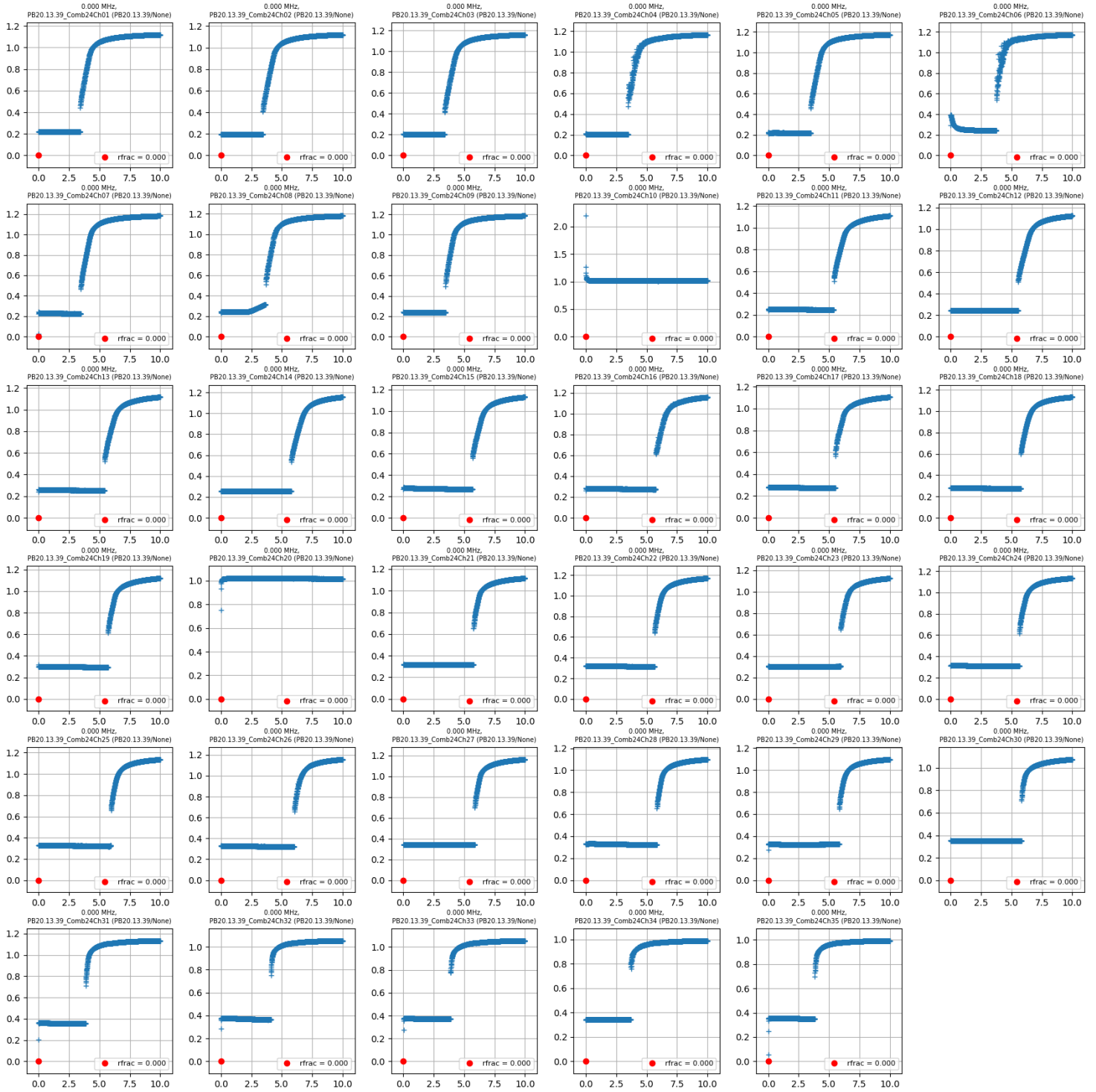
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# Plots

IV Curves for tuned bolometers, final state in red

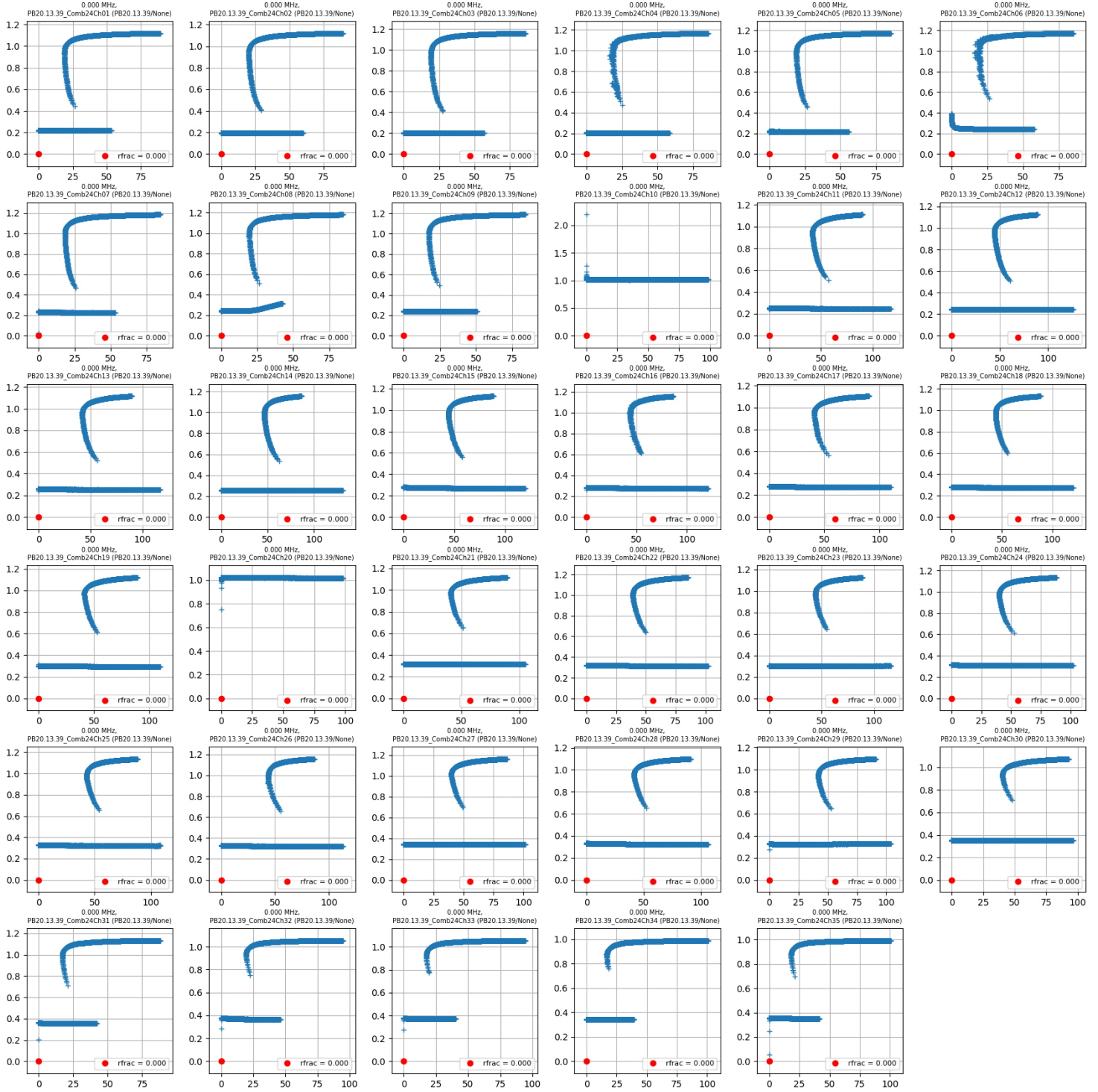


# RV Curves for tuned bolometers, final state in red



Voltage ( $\mu\text{V}$ )

# 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	PB20.13.39_Comb24C h01	PB20.13.39/None	1637191.77712	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb24C h02	PB20.13.39/None	1686706.54762	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb24C h03	PB20.13.39/None	1734619.14528	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb24C h04	PB20.13.39/None	1788711.55251	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39_Comb24C h05	PB20.13.39/None	1842346.19606	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39_Comb24C h06	PB20.13.39/None	1898651.1277	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39_Comb24C h07	PB20.13.39/None	1940460.20974	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb24C h08	PB20.13.39/None	2002105.71755	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb24C h09	PB20.13.39/None	2061538.70095	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb24C h10	PB20.13.39/None	2125244.14528	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb24C h11	PB20.13.39/None	2179031.37673	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb24C h12	PB20.13.39/None	2236633.30544	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb24C h13	PB20.13.39/None	2292556.76735	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb24C h14	PB20.13.39/None	2355804.44802	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb24C h15	PB20.13.39/ None	2425994.87 77	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb24C h16	PB20.13.39/ None	2468719.48 708	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb24C h17	PB20.13.39/ None	2559127.81 227	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb24C h18	PB20.13.39/ None	2605667.11 891	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb24C h19	PB20.13.39/ None	2668457.03 591	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb24C h20	PB20.13.39/ None	2768020.63 454	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb24C h21	PB20.13.39/ None	2842712.40 7	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb24C h22	PB20.13.39/ None	2881622.31 911	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb24C h23	PB20.13.39/ None	2954864.50 661	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb24C h24	PB20.13.39/ None	3062133.79 372	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb24C h25	PB20.13.39/ None	3138504.03 298	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb24C h26	PB20.13.39/ None	3216781.62 087	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb24C h27	PB20.13.39/ None	3294219.97 536	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb24C h28	PB20.13.39/ None	3430404.66 774	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb24C h29	PB20.13.39/ None	3504104.61 891	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb24C h30	PB20.13.39/ None	3623352.05 544	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39 _Comb24C h31	PB20.13.39/ None	3682250.98 122	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39 _Comb24C h32	PB20.13.39/ None	4083251.95 778	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.39 _Comb24C h33	PB20.13.39/ None	4184722.90 505	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.39 _Comb24C h34	PB20.13.39/ None	4314422.61 208	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.39 _Comb24C h35	PB20.13.39/ None	4415588.38 356	0.0000	N/A: target amplitude 0	0.0000