

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0440).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0440).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:34:26 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	13
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.

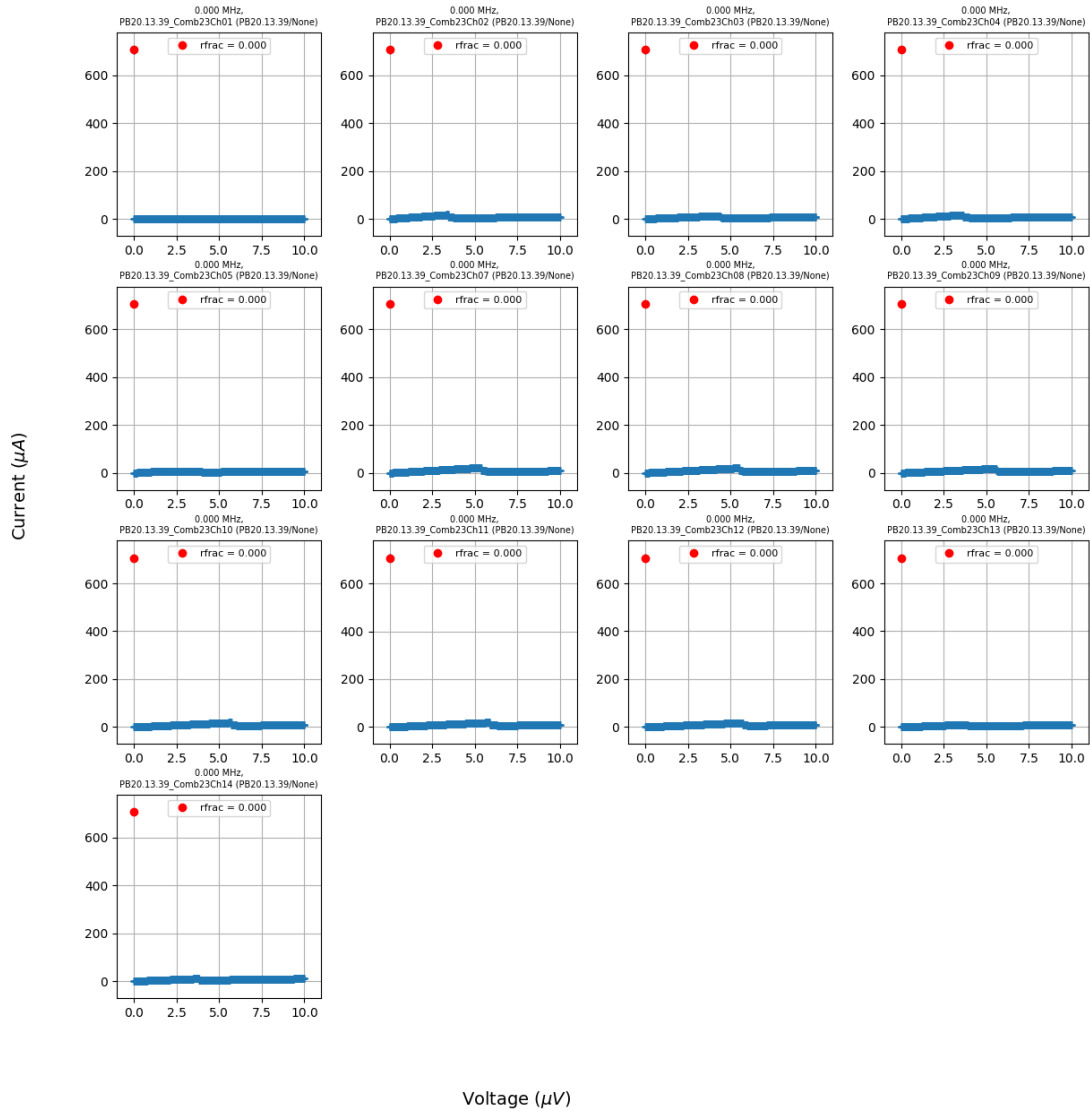
To convert Power values to RMS, divide by 2.

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

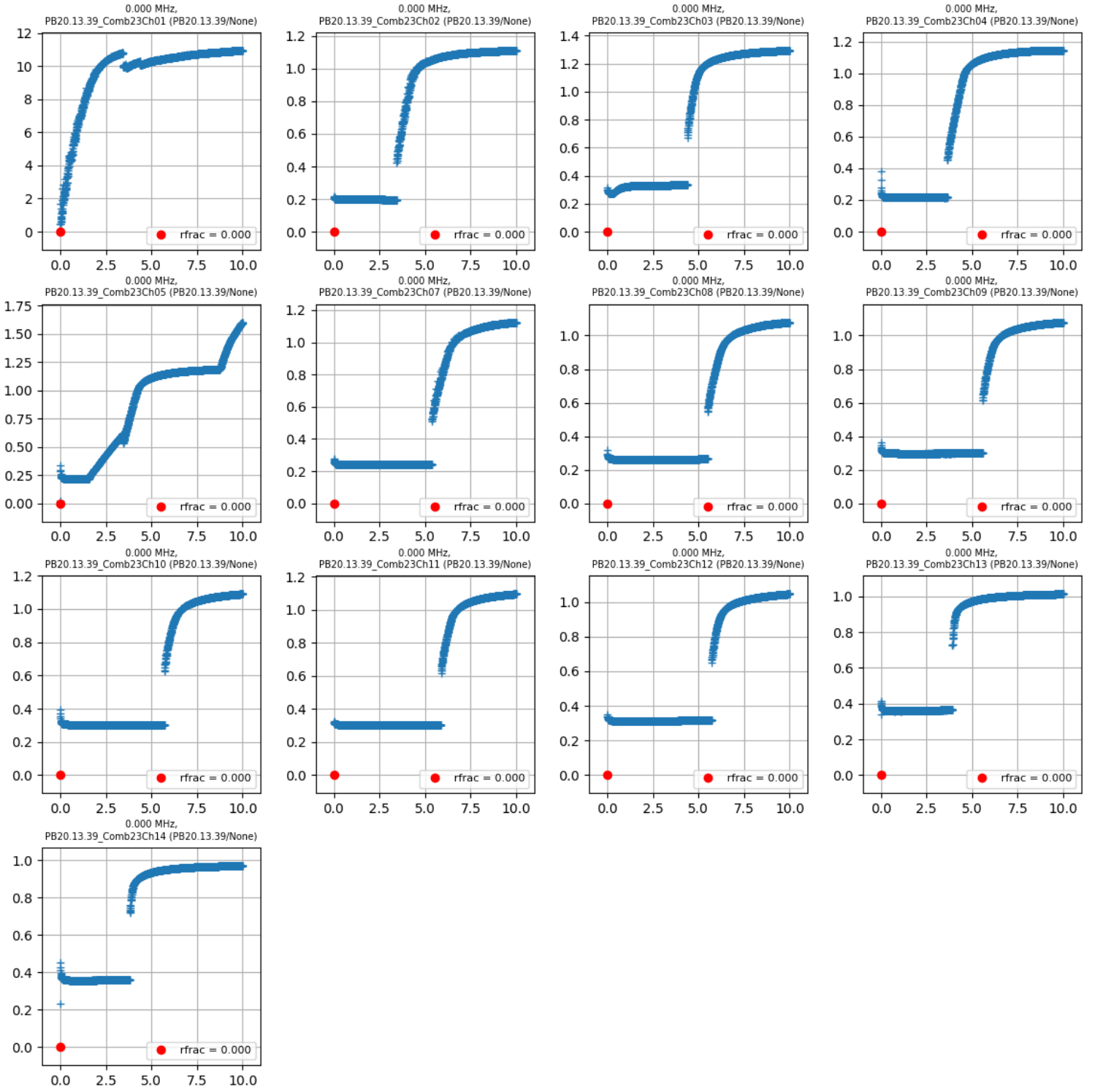
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## Plots

IV Curves for tuned bolometers, final state in red

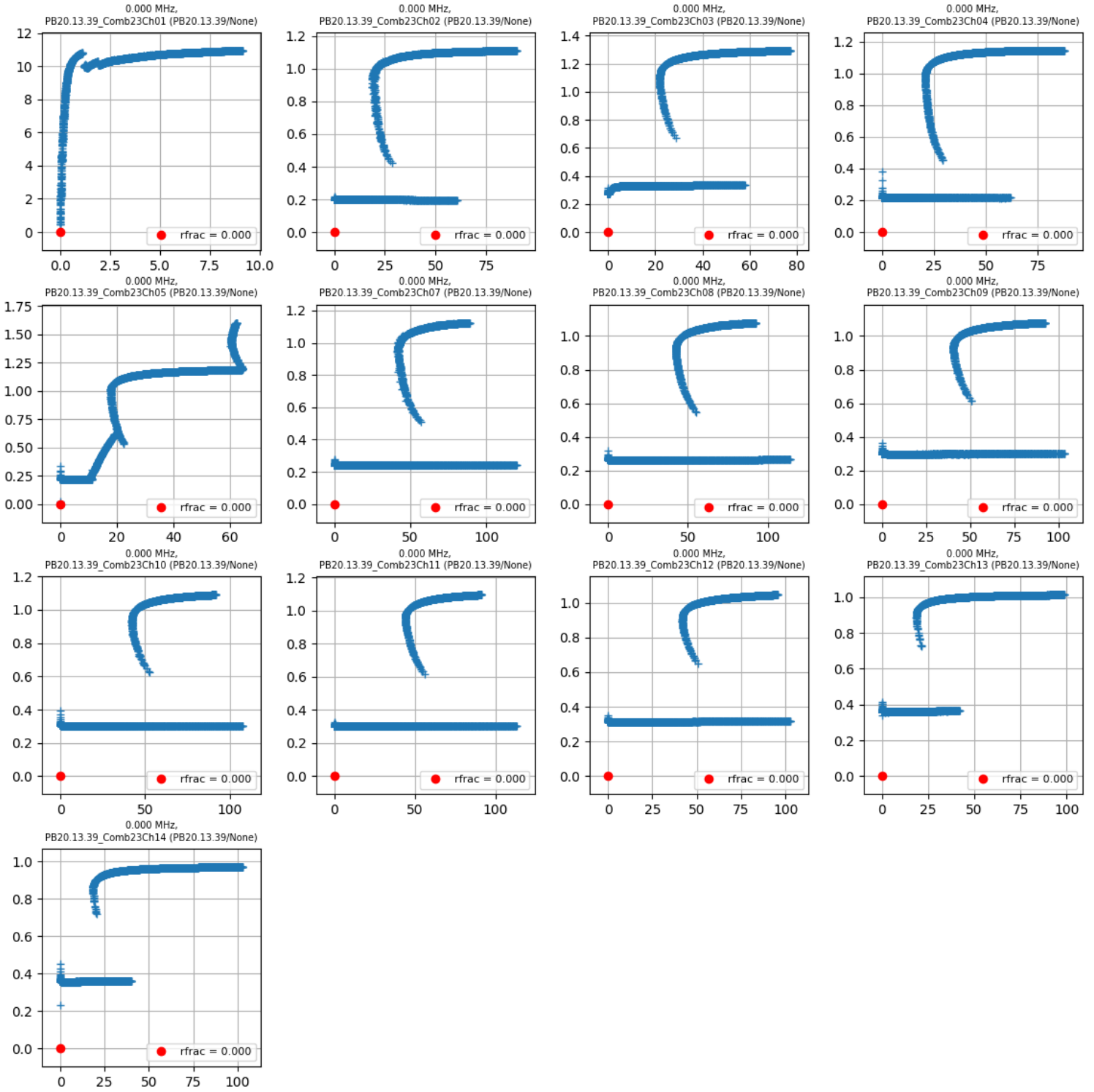


## RV Curves for tuned bolometers, final state in red



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_Comb23C h01	PB20.13.39/None	1667556.76735	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb23C h02	PB20.13.39/None	1716156.01052	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb23C h03	PB20.13.39/None	1750717.16774	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb23C h04	PB20.13.39/None	1880340.58083	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39_Comb23C h05	PB20.13.39/None	1922760.01442	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39_Comb23C h07	PB20.13.39/None	2327270.51247	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb23C h08	PB20.13.39/None	2504577.64138	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb23C h09	PB20.13.39/None	2997817.99782	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb23C h10	PB20.13.39/None	3122329.71657	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb23C h11	PB20.13.39/None	3189086.91872	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb23C h12	PB20.13.39/None	3482208.25661	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb23C h13	PB20.13.39/None	4246597.2947	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb23C h14	PB20.13.39/None	4379043.58376	0.0000	N/A: target amplitude 0	0.0000