

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0416).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0416).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:28:28 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.

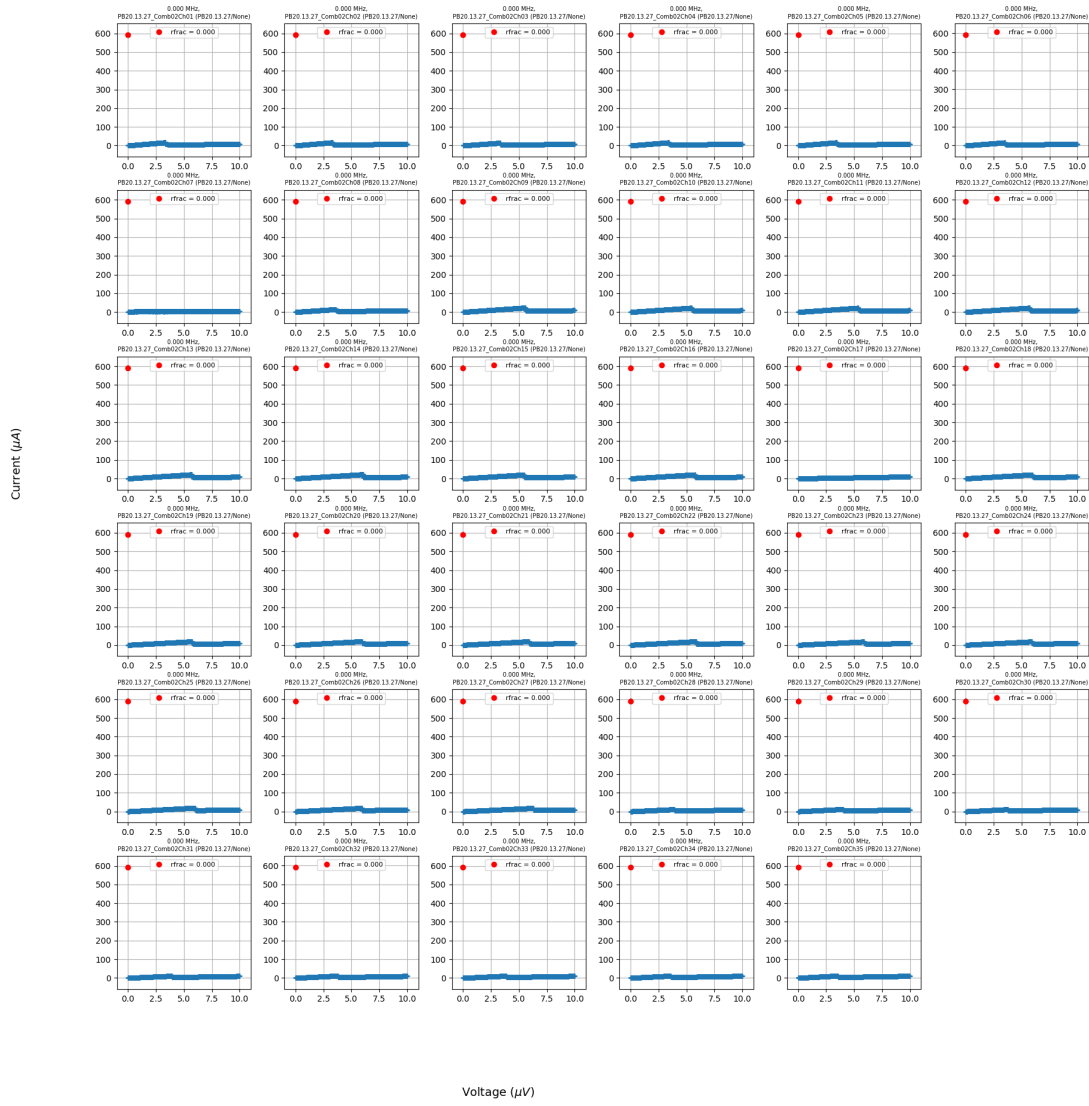
To convert Power values to RMS, divide by 2.

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

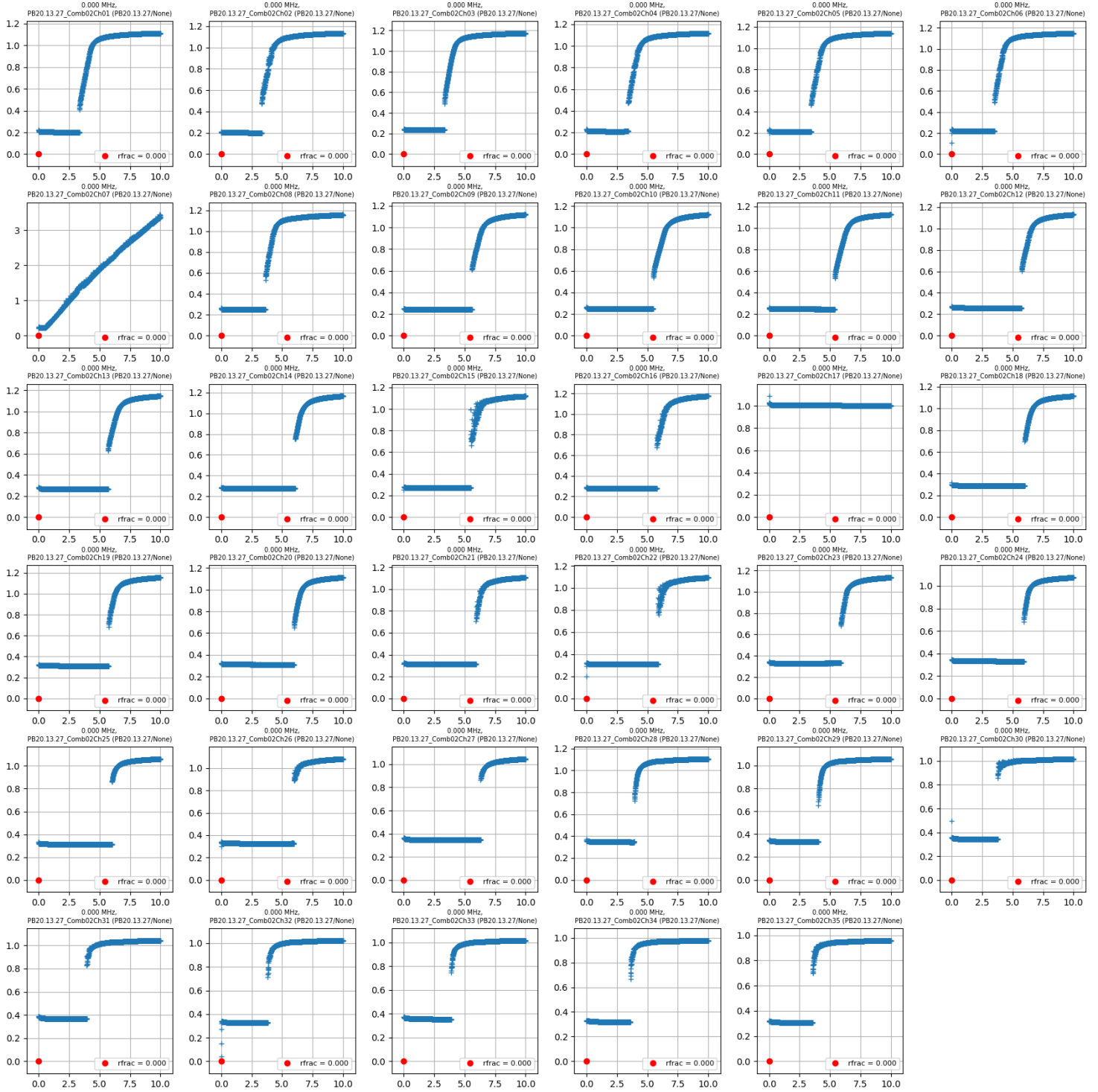
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# Plots

IV Curves for tuned bolometers, final state in red

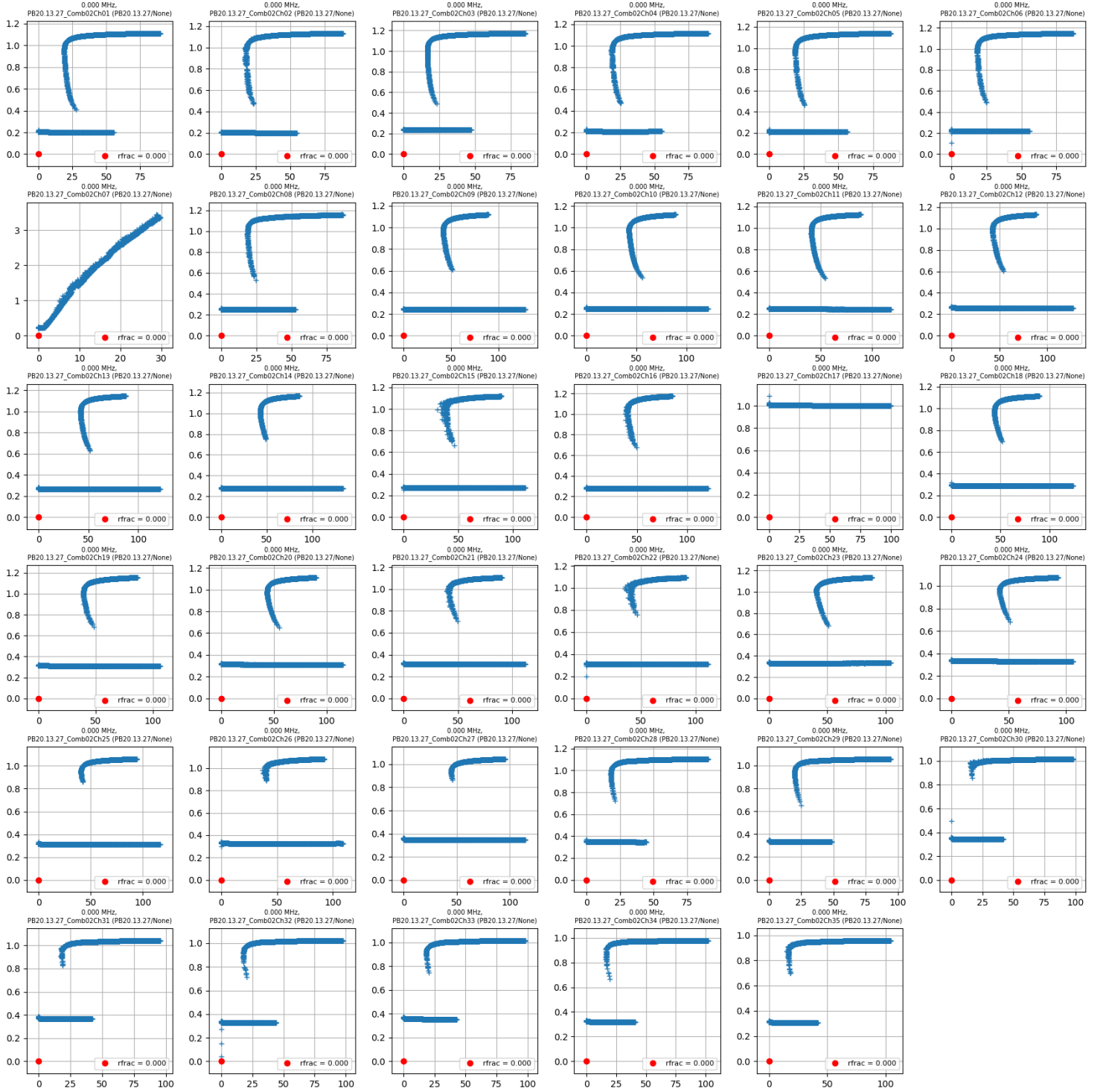


# RV Curves for tuned bolometers, final state in red



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	PB20.13.27_Comb02C h01	PB20.13.27/None	1617889.40895	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb02C h02	PB20.13.27/None	1672821.04958	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb02C h03	PB20.13.27/None	1717529.30153	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb02C h04	PB20.13.27/None	1830520.63454	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb02C h05	PB20.13.27/None	1873397.83181	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb02C h06	PB20.13.27/None	1922149.66286	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb02C h07	PB20.13.27/None	1989288.33474	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb02C h08	PB20.13.27/None	2033157.35329	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb02C h09	PB20.13.27/None	2146911.62575	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb02C h10	PB20.13.27/None	2210998.53981	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb02C h11	PB20.13.27/None	2275695.80544	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb02C h12	PB20.13.27/None	2340164.18923	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb02C h13	PB20.13.27/None	2404937.7488	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb02C h14	PB20.13.27/None	2447586.06423	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb02C h15	PB20.13.27/ None	2544097.90 505	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb02C h16	PB20.13.27/ None	2574539.18 923	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb02C h17	PB20.13.27/ None	2751693.73 024	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb02C h18	PB20.13.27/ None	2815246.58 669	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb02C h19	PB20.13.27/ None	2854843.14 431	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb02C h20	PB20.13.27/ None	2927780.15 602	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb02C h21	PB20.13.27/ None	3041763.31 032	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb02C h22	PB20.13.27/ None	3117980.96 169	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb02C h23	PB20.13.27/ None	3171844.48 708	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb02C h24	PB20.13.27/ None	3347244.26 735	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb02C h25	PB20.13.27/ None	3416824.34 548	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb02C h26	PB20.13.27/ None	3473358.15 895	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb02C h27	PB20.13.27/ None	3588027.95 876	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb02C h28	PB20.13.27/ None	3641433.72 048	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb02C h29	PB20.13.27/ None	3732681.27 907	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb02C h30	PB20.13.27/ None	3970489.50 661	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb02C h31	PB20.13.27/ None	4039535.52 712	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27 _Comb02C h32	PB20.13.27/ None	4146118.16 872	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27 _Comb02C h33	PB20.13.27/ None	4235763.55 446	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27 _Comb02C h34	PB20.13.27/ None	4289932.25 563	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.27 _Comb02C h35	PB20.13.27/ None	4386749.27 223	0.0000	N/A: target amplitude 0	0.0000