

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0426).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0426).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:24:59 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	36
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.

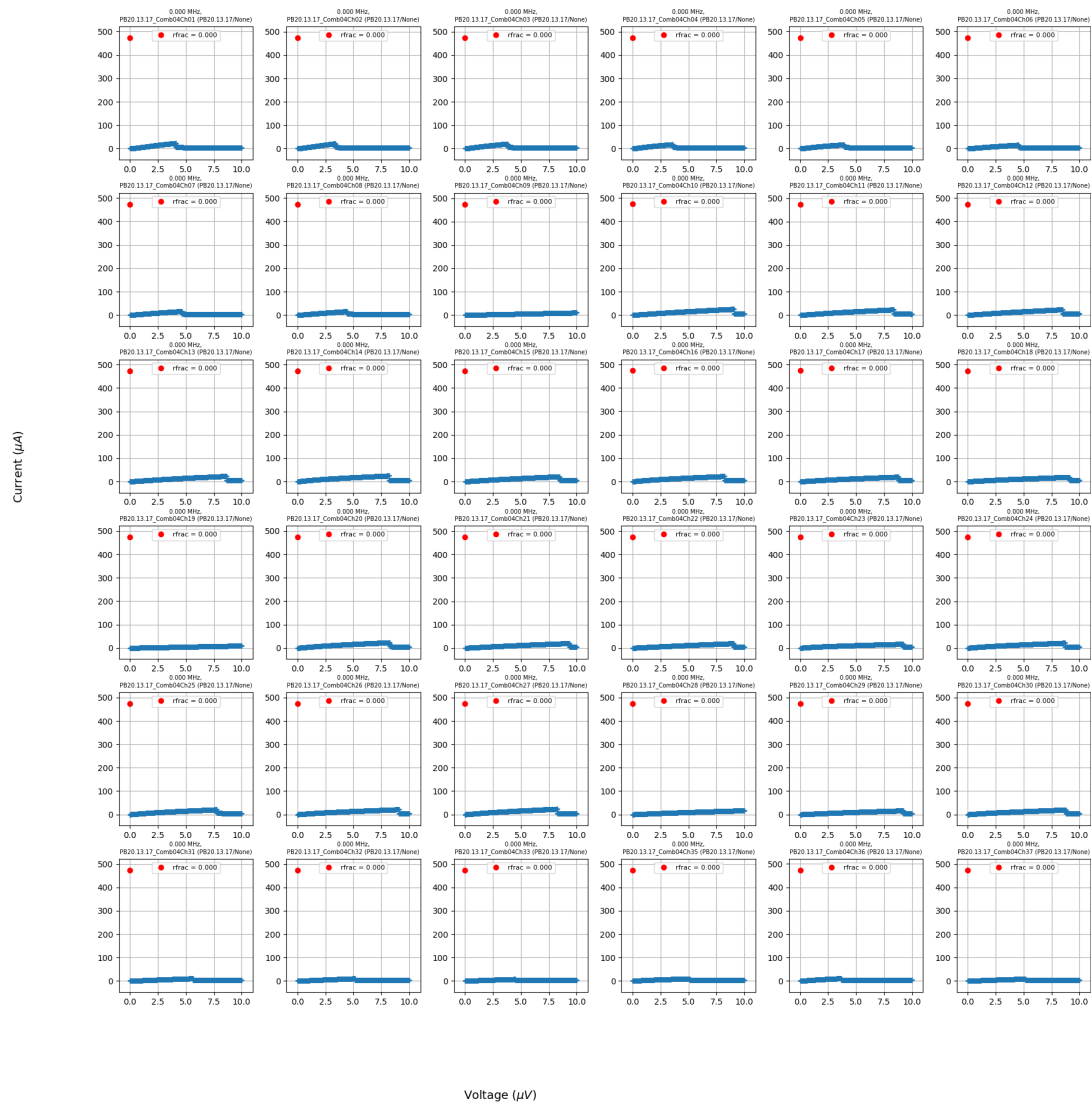
To convert Power values to RMS, divide by 2.

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

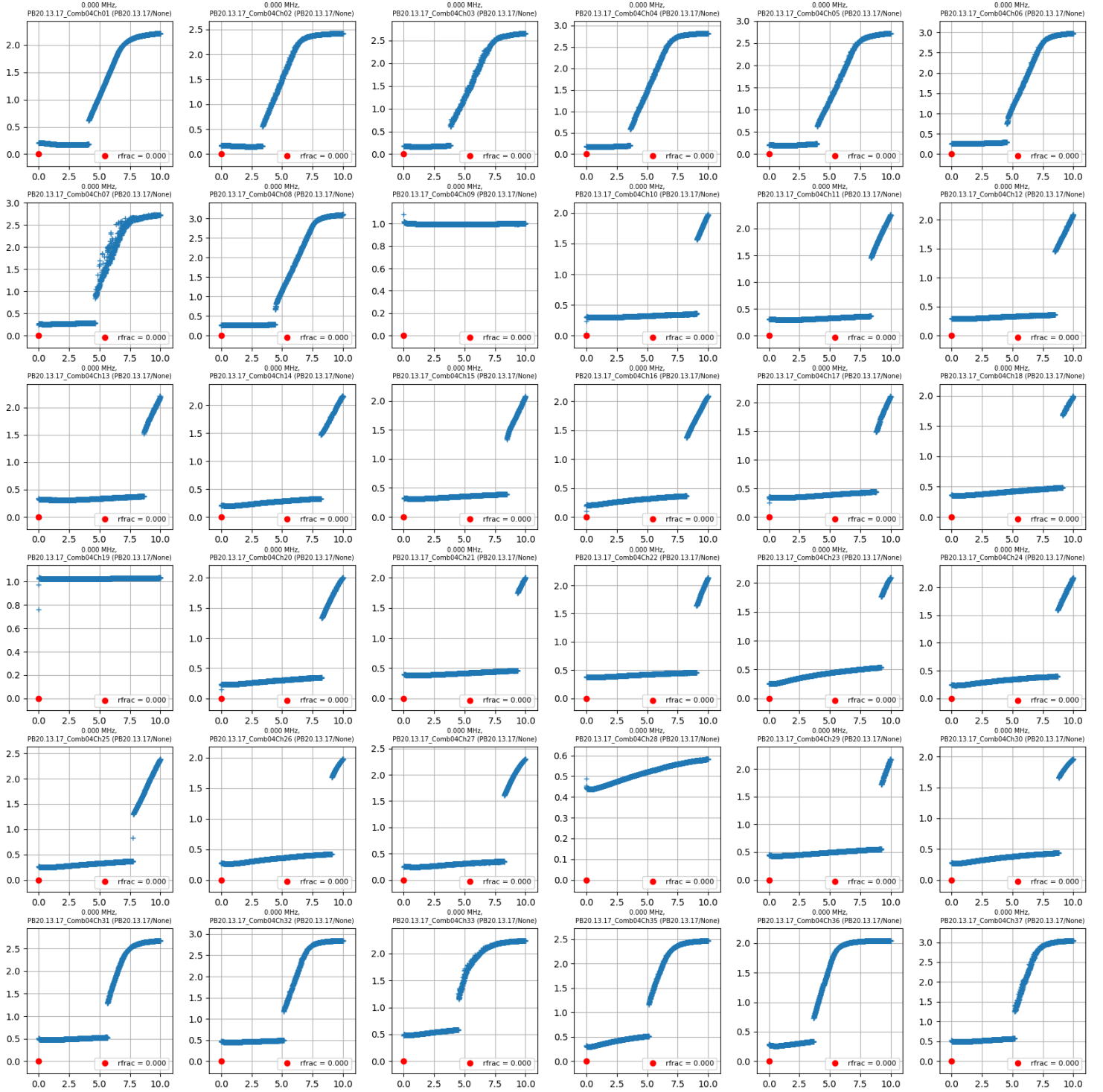
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## Plots

IV Curves for tuned bolometers, final state in red

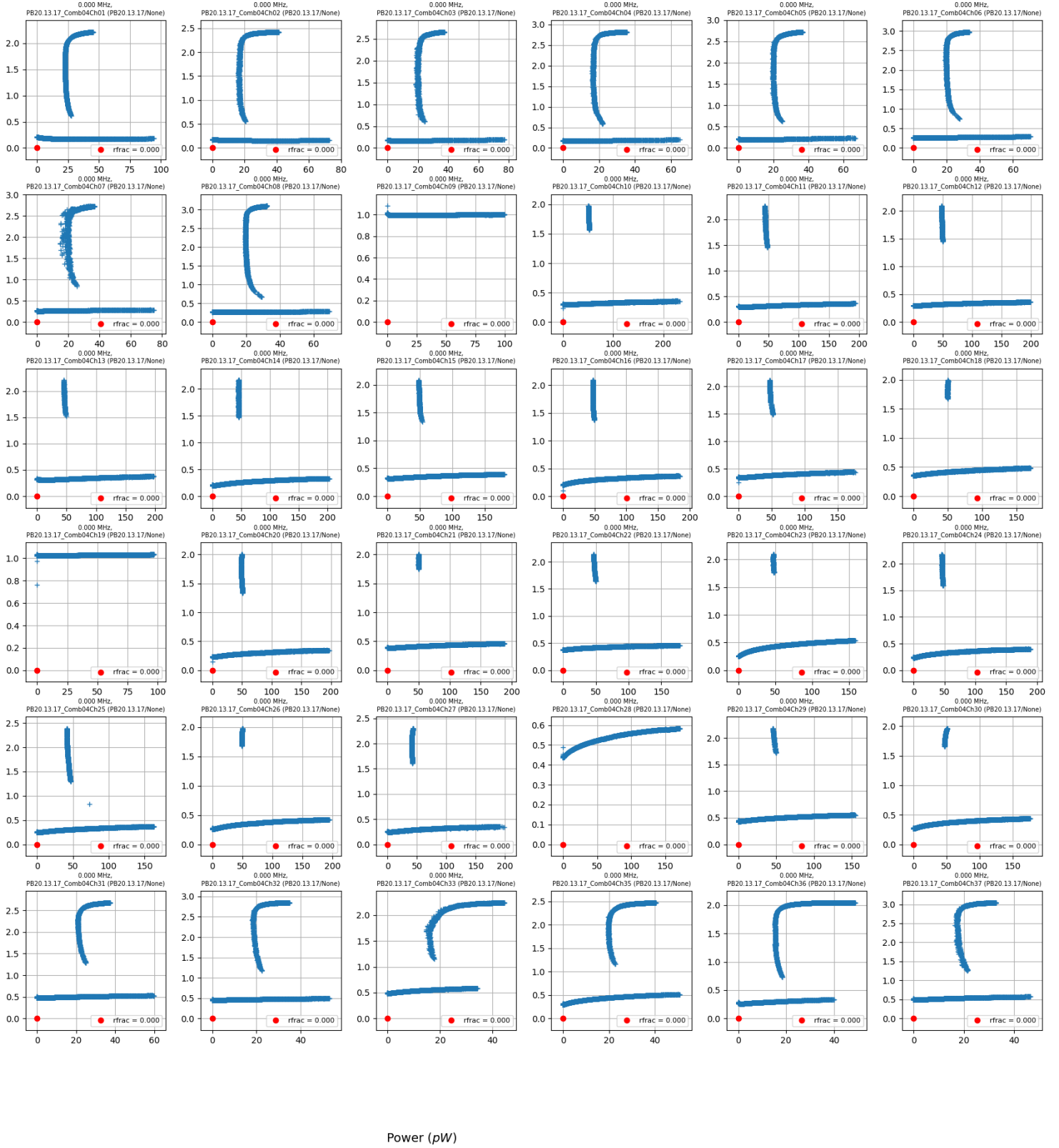


# RV Curves for tuned bolometers, final state in red



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

# R-P Curves for tuned bolometers, final state in red



## Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.17_Comb04C h01	PB20.13.17/None	1639938.35915	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb04C h02	PB20.13.17/None	1685867.31423	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb04C h03	PB20.13.17/None	1735610.96657	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb04C h04	PB20.13.17/None	1791152.95876	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb04C h05	PB20.13.17/None	1835098.27126	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb04C h06	PB20.13.17/None	1893157.96364	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb04C h07	PB20.13.17/None	1949768.07106	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb04C h08	PB20.13.17/None	2005920.41481	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb04C h09	PB20.13.17/None	2110748.29567	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb04C h10	PB20.13.17/None	2169189.45778	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb04C h11	PB20.13.17/None	2230758.67165	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb04C h12	PB20.13.17/None	2305603.032	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb04C h13	PB20.13.17/None	2352752.6902	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb04C h14	PB20.13.17/None	2430572.51442	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb04C h15	PB20.13.17/ None	2489776.61 599	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb04C h16	PB20.13.17/ None	2558822.63 649	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb04C h17	PB20.13.17/ None	2631988.53 005	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb04C h18	PB20.13.17/ None	2689743.04 665	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb04C h19	PB20.13.17/ None	2769927.98 317	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb04C h20	PB20.13.17/ None	2831115.72 731	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb04C h21	PB20.13.17/ None	2903366.09 352	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb04C h22	PB20.13.17/ None	2982177.73 903	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb04C h23	PB20.13.17/ None	3042526.24 977	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb04C h24	PB20.13.17/ None	3145370.48 806	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb04C h25	PB20.13.17/ None	3216629.03 298	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb04C h26	PB20.13.17/ None	3288497.92 946	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb04C h27	PB20.13.17/ None	3376770.02 419	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb04C h28	PB20.13.17/ None	3457641.60 622	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb04C h29	PB20.13.17/ None	3544158.94 02	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb04C h30	PB20.13.17/ None	3623275.76 149	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb04C h31	PB20.13.17/ None	3713302.61 696	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb04C h32	PB20.13.17/ None	3807754.52 126	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb04C h33	PB20.13.17/ None	3903732.30 446	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb04C h35	PB20.13.17/ None	4176483.15 895	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb04C h36	PB20.13.17/ None	4271469.12 087	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17 _Comb04C h37	PB20.13.17/ None	4390029.91 188	0.0000	N/A: target amplitude 0	0.0000