

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0362).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0362).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:25:25 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.

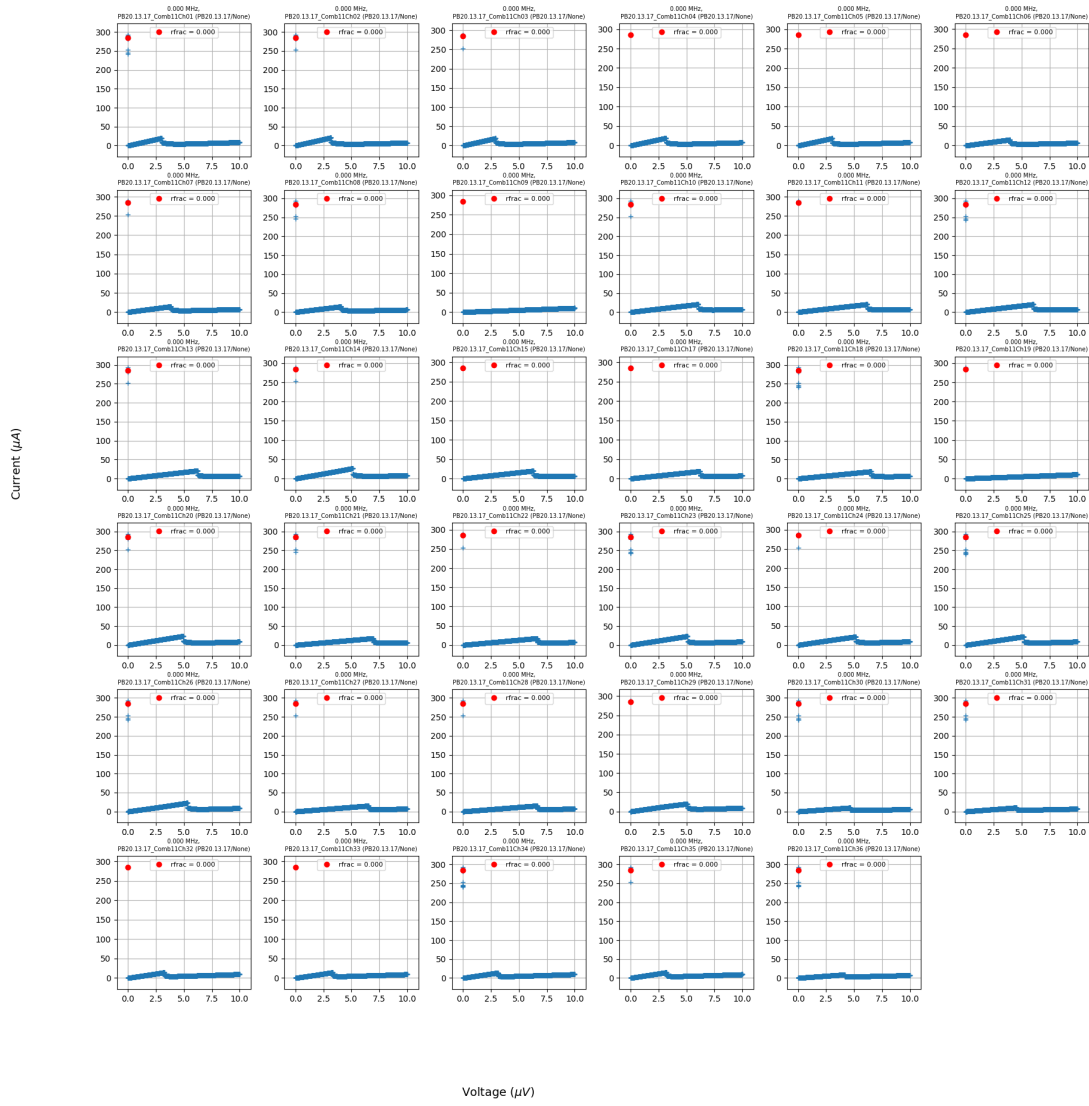
To convert Power values to RMS, divide by 2.

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

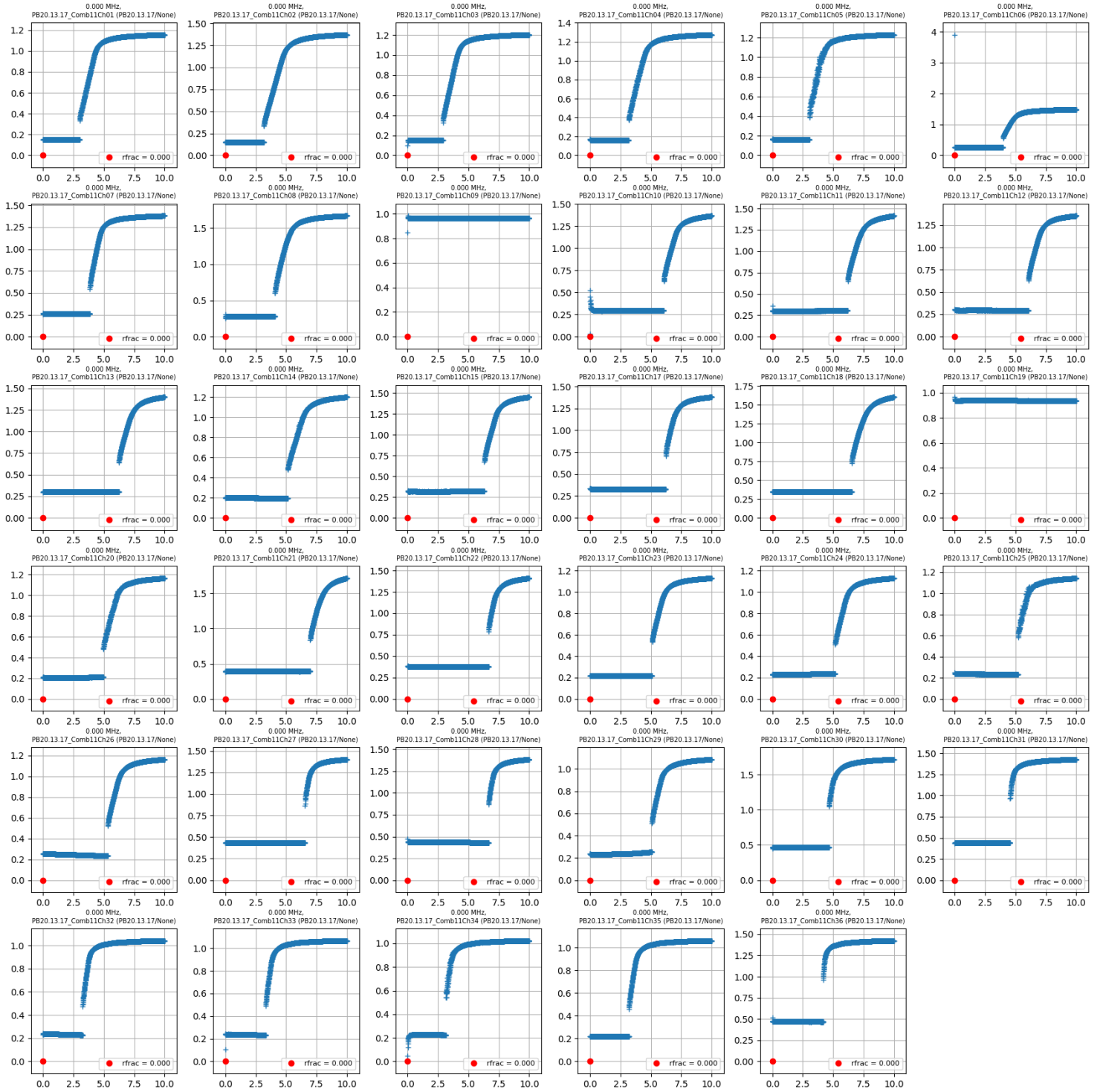
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# Plots

IV Curves for tuned bolometers, final state in red

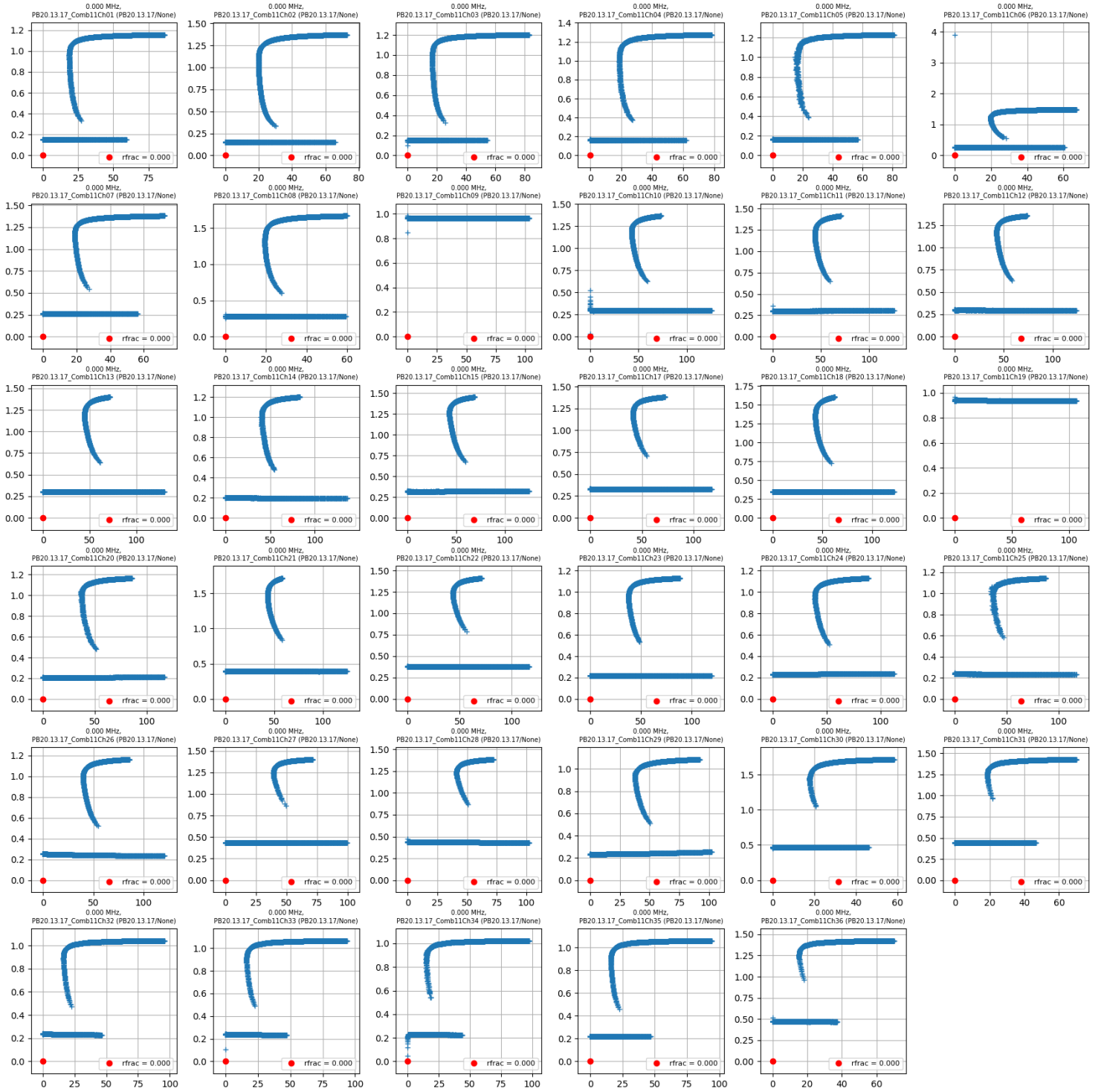


# RV Curves for tuned bolometers, final state in red



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	PB20.13.17_Comb11C h01	PB20.13.17/None	1695556.64528	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb11C h02	PB20.13.17/None	1727828.98415	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb11C h03	PB20.13.17/None	1782073.97927	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb11C h04	PB20.13.17/None	1839065.55641	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb11C h05	PB20.13.17/None	1888351.44509	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb11C h06	PB20.13.17/None	1943511.96755	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb11C h07	PB20.13.17/None	2060241.70387	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb11C h08	PB20.13.17/None	2115097.05056	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb11C h09	PB20.13.17/None	2169418.33962	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb11C h10	PB20.13.17/None	2241668.70583	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb11C h11	PB20.13.17/None	2304763.7986	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb11C h12	PB20.13.17/None	2359466.55739	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb11C h13	PB20.13.17/None	2424850.46852	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb11C h14	PB20.13.17/None	2488632.20681	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb11C h15	PB20.13.17/ None	2549743.65 7	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb11C h17	PB20.13.17/ None	2699584.96 559	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb11C h18	PB20.13.17/ None	2755279.54 567	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb11C h19	PB20.13.17/ None	2839889.53 102	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb11C h20	PB20.13.17/ None	2911682.13 356	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb11C h21	PB20.13.17/ None	2968139.65 309	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb11C h22	PB20.13.17/ None	3043975.83 474	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb11C h23	PB20.13.17/ None	3221588.13 942	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb11C h24	PB20.13.17/ None	3308486.94 313	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb11C h25	PB20.13.17/ None	3363418.58 376	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb11C h26	PB20.13.17/ None	3455352.78 786	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb11C h27	PB20.13.17/ None	3549652.10 427	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb11C h28	PB20.13.17/ None	3627700.81 032	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb11C h29	PB20.13.17/ None	3707580.57 106	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb11C h30	PB20.13.17/ None	3802185.06 325	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.17 _Comb11C h31	PB20.13.17/ None	3890533.45 192	0.0000	N/A: target amplitude 0	0.0000

32	PB20.13.17 _Comb11C h32	PB20.13.17/ None	4088821.41 579	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb11C h33	PB20.13.17/ None	4187469.48 708	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb11C h34	PB20.13.17/ None	4278945.92 751	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb11C h35	PB20.13.17/ None	4356460.57 595	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb11C h36	PB20.13.17/ None	4489822.39 235	0.0000	N/A: target amplitude 0	0.0000