

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0437).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0437).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:28:03 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	34
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

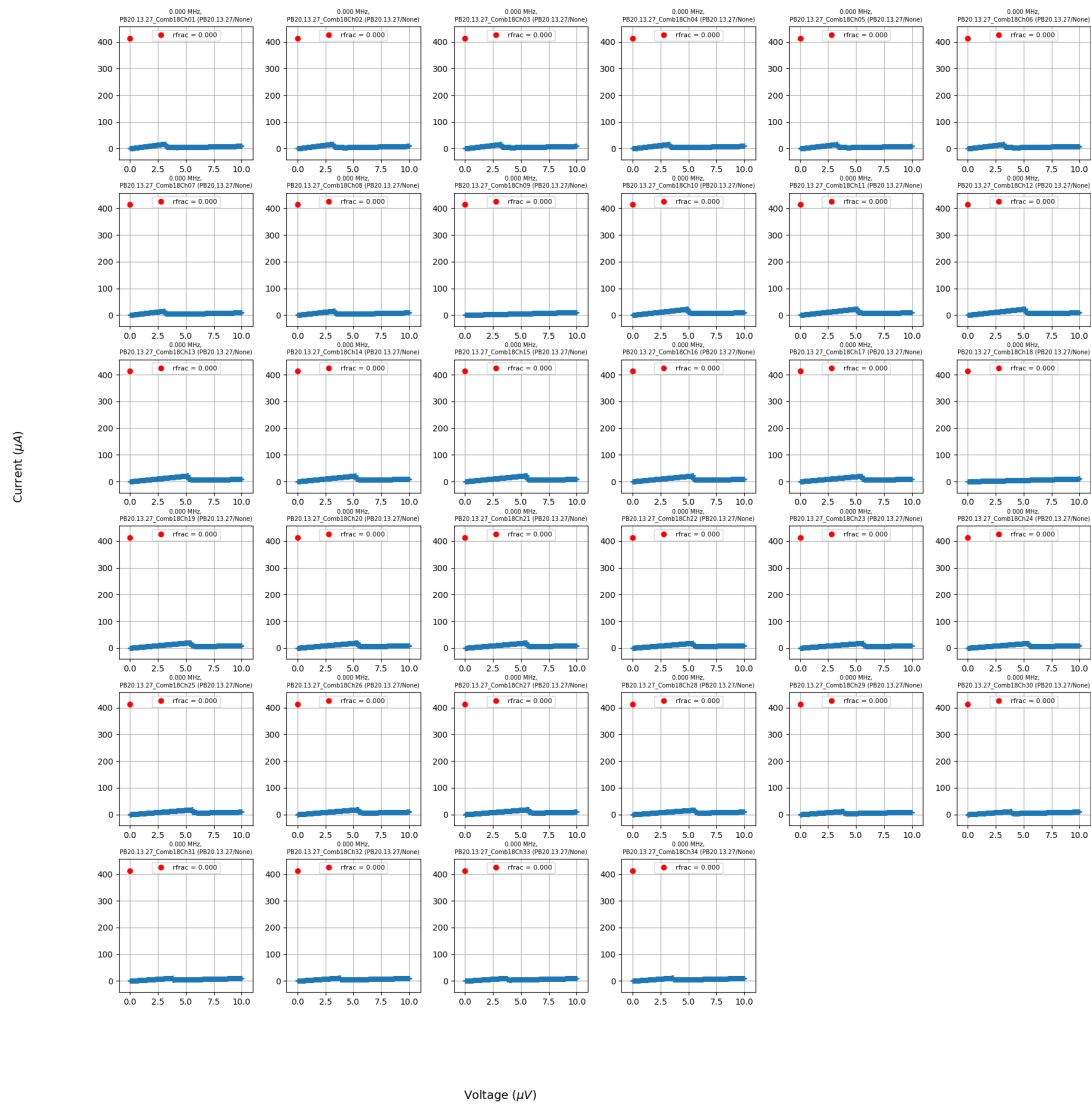
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

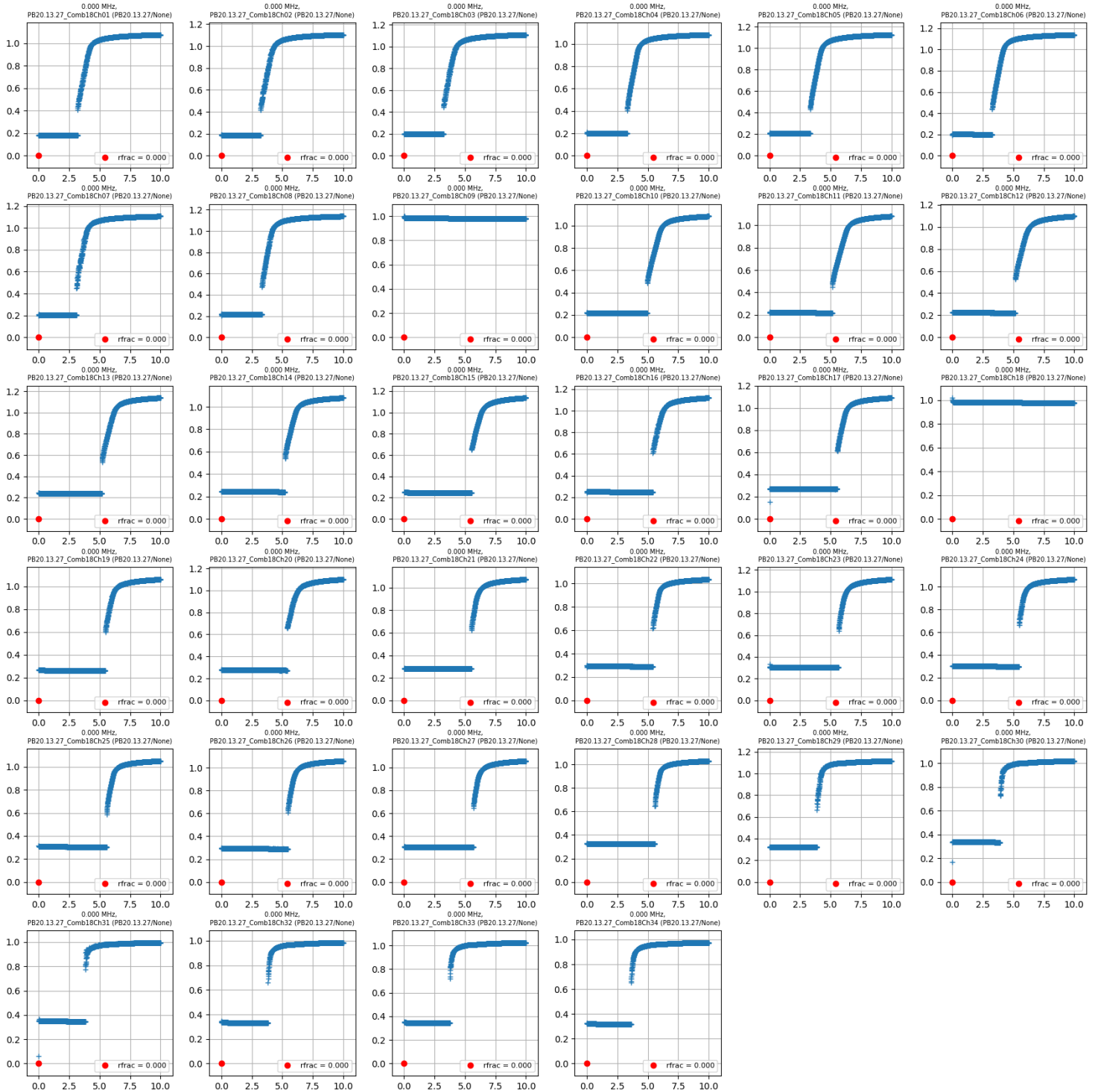
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

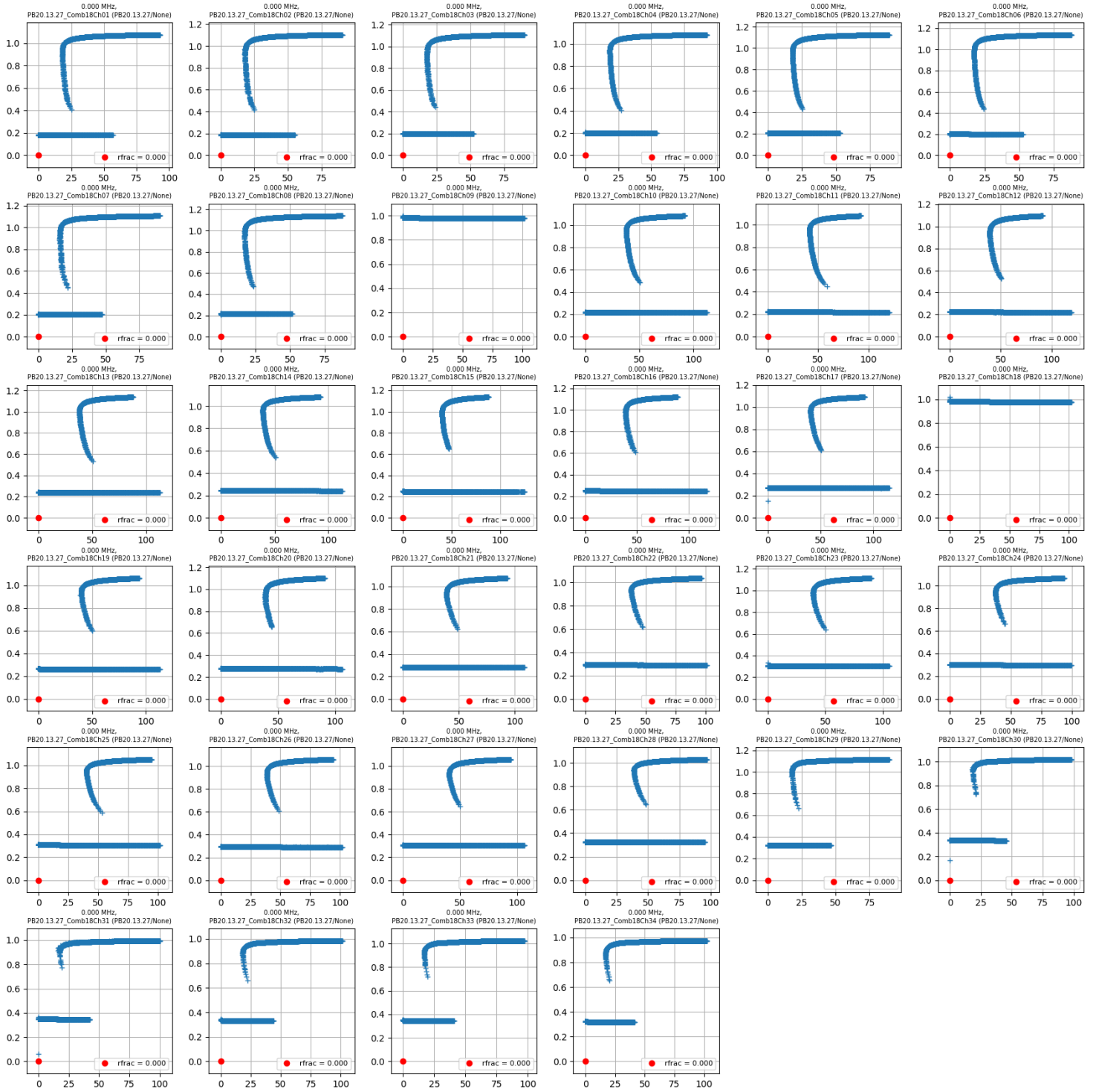


RV Curves for tuned bolometers, final state in red



Voltage (μV)

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_Comb18C h01	PB20.13.27/None	1597290.04372	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb18C h02	PB20.13.27/None	1654891.97243	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb18C h03	PB20.13.27/None	1751327.51931	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb18C h04	PB20.13.27/None	1801300.05349	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb18C h05	PB20.13.27/None	1849365.23903	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb18C h06	PB20.13.27/None	1901245.12184	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb18C h07	PB20.13.27/None	1960067.75368	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb18C h08	PB20.13.27/None	2006530.76637	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb18C h09	PB20.13.27/None	2078247.07497	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb18C h10	PB20.13.27/None	2119216.9236	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb18C h11	PB20.13.27/None	2180557.25563	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb18C h12	PB20.13.27/None	2252120.97634	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb18C h13	PB20.13.27/None	2302093.51052	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb18C h14	PB20.13.27/None	2377395.63454	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb18C h15	PB20.13.27/ None	2423019.41 384	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb18C h16	PB20.13.27/ None	2514266.97 243	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb18C h17	PB20.13.27/ None	2612686.16 188	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb18C h18	PB20.13.27/ None	2709121.70 876	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb18C h19	PB20.13.27/ None	2777481.08 376	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb18C h20	PB20.13.27/ None	2820358.28 102	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb18C h21	PB20.13.27/ None	3003005.98 61	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb18C h22	PB20.13.27/ None	3078536.99 196	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb18C h23	PB20.13.27/ None	3136901.86 013	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb18C h24	PB20.13.27/ None	3214645.39 04	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb18C h25	PB20.13.27/ None	3306427.00 661	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb18C h26	PB20.13.27/ None	3377075.19 997	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb18C h27	PB20.13.27/ None	3437576.29 86	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb18C h28	PB20.13.27/ None	3543930.05 837	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb18C h29	PB20.13.27/ None	3600616.45 974	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb18C h30	PB20.13.27/ None	3912734.99 001	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb18C h31	PB20.13.27/ None	4090194.70 681	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27 _Comb18C h32	PB20.13.27/ None	4195251.46 95	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27 _Comb18C h33	PB20.13.27/ None	4237518.31 52	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27 _Comb18C h34	PB20.13.27/ None	4334564.21 364	0.0000	N/A: target amplitude 0	0.0000