

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0424).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0424).Mezz(1).ReadoutModule(3)
Date	Mon Feb 25 17:24:46 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	33
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

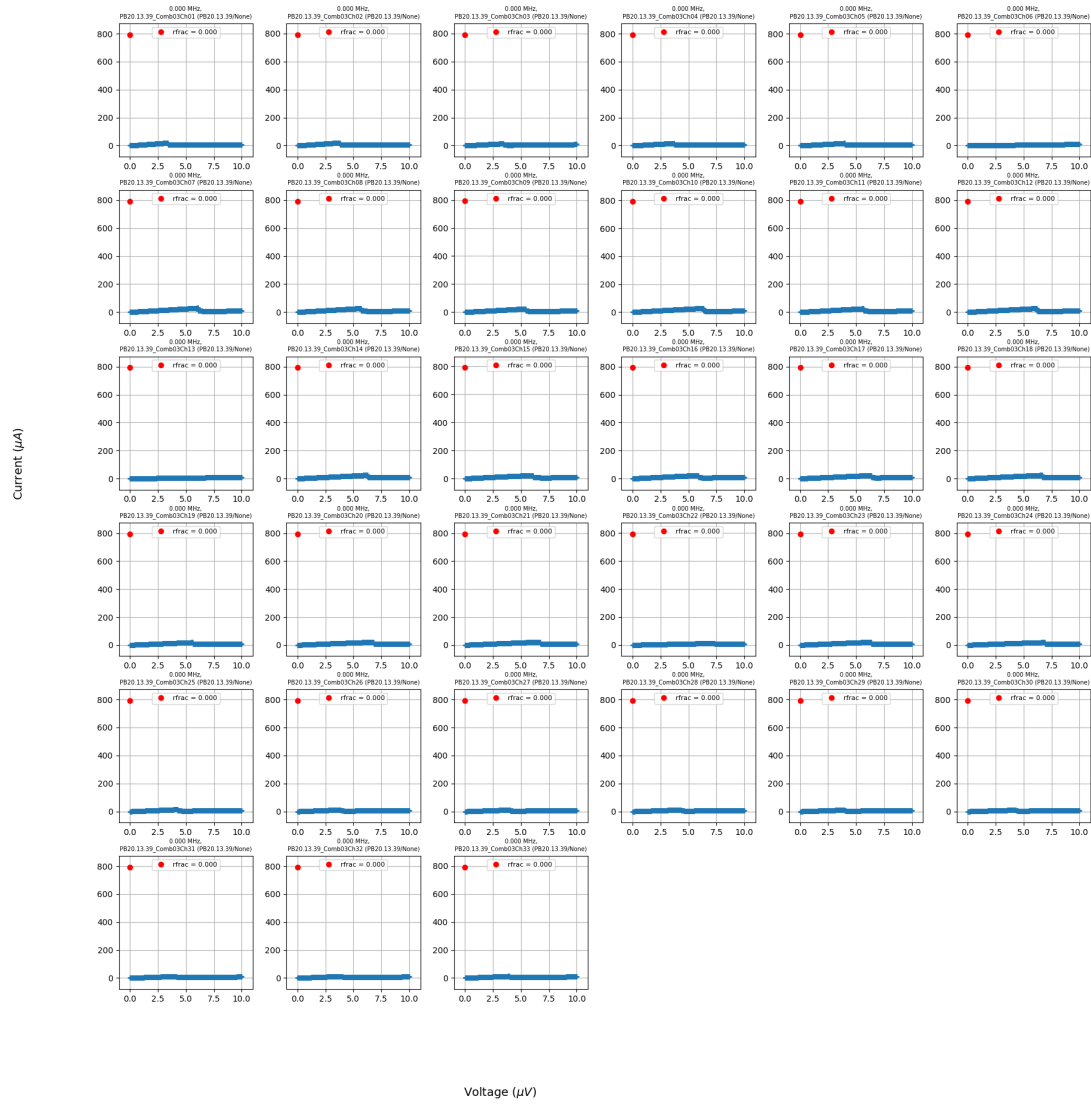
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

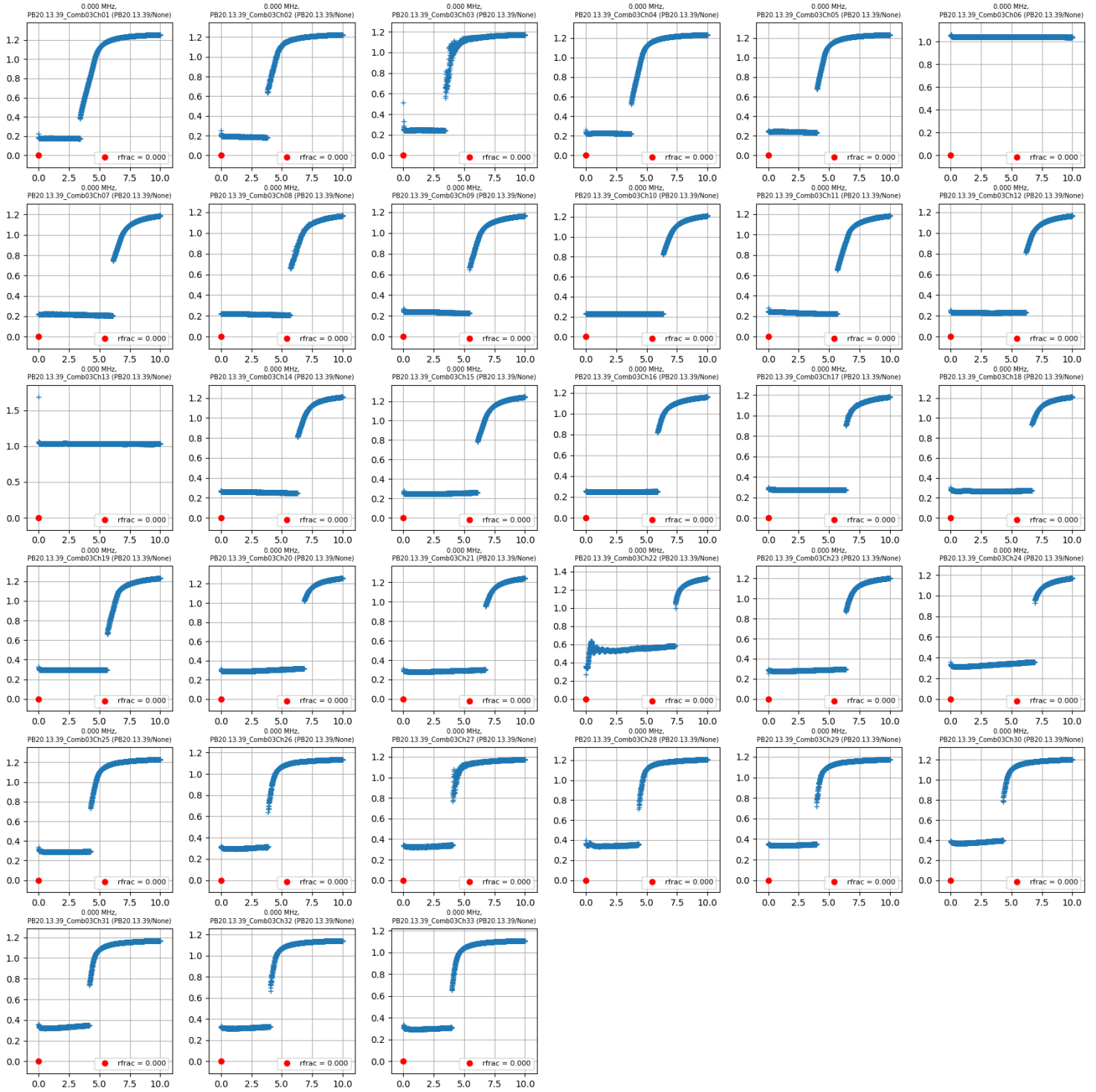
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

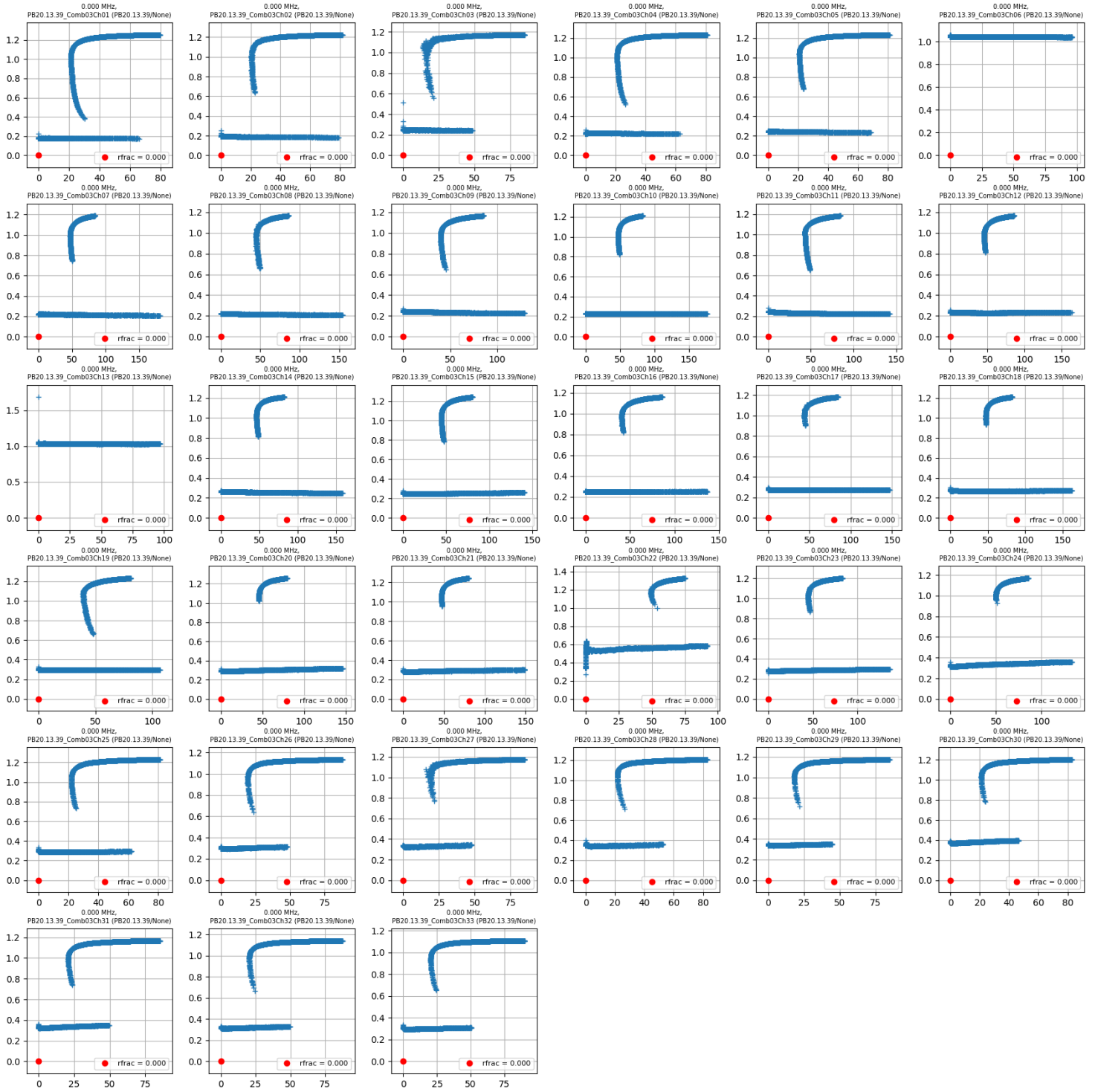


RV Curves for tuned bolometers, final state in red



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	PB20.13.39 _Comb03C h01	PB20.13.39/ None	1723403.93 532	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39 _Comb03C h02	PB20.13.39/ None	1877517.70 485	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39 _Comb03C h03	PB20.13.39/ None	1974868.77 907	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39 _Comb03C h04	PB20.13.39/ None	2032775.88 356	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39 _Comb03C h05	PB20.13.39/ None	2102203.37 38	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39 _Comb03C h06	PB20.13.39/ None	2157897.95 388	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39 _Comb03C h07	PB20.13.39/ None	2276000.98 122	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39 _Comb03C h08	PB20.13.39/ None	2336425.78 591	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39 _Comb03C h09	PB20.13.39/ None	2390975.95 681	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39 _Comb03C h10	PB20.13.39/ None	2463607.79 274	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39 _Comb03C h11	PB20.13.39/ None	2506713.87 184	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39 _Comb03C h12	PB20.13.39/ None	2717514.04 274	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39 _Comb03C h13	PB20.13.39/ None	2808990.48 317	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39 _Comb03C h14	PB20.13.39/ None	2902832.03 591	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb03C h15	PB20.13.39/ None	2937469.48 708	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb03C h16	PB20.13.39/ None	3010940.55 641	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb03C h17	PB20.13.39/ None	3125000.00 466	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb03C h18	PB20.13.39/ None	3196640.01 931	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb03C h19	PB20.13.39/ None	3237533.57 399	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb03C h20	PB20.13.39/ None	3344802.86 11	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb03C h21	PB20.13.39/ None	3412475.59 059	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb03C h22	PB20.13.39/ None	3474884.03 786	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb03C h23	PB20.13.39/ None	3552703.86 208	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb03C h24	PB20.13.39/ None	3667831.42 556	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb03C h25	PB20.13.39/ None	3753967.28 981	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb03C h26	PB20.13.39/ None	3845977.78 786	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb03C h27	PB20.13.39/ None	3900222.78 298	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb03C h28	PB20.13.39/ None	4057388.31 032	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb03C h29	PB20.13.39/ None	4120559.69 704	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb03C h30	PB20.13.39/ None	4259643.55 934	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39 _Comb03C h31	PB20.13.39/ None	4340515.14 137	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39 _Comb03C h32	PB20.13.39/ None	4385757.45 095	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.39 _Comb03C h33	PB20.13.39/ None	4474029.54 567	0.0000	N/A: target amplitude 0	0.0000