

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0442).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0442).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:35:56 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	31
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

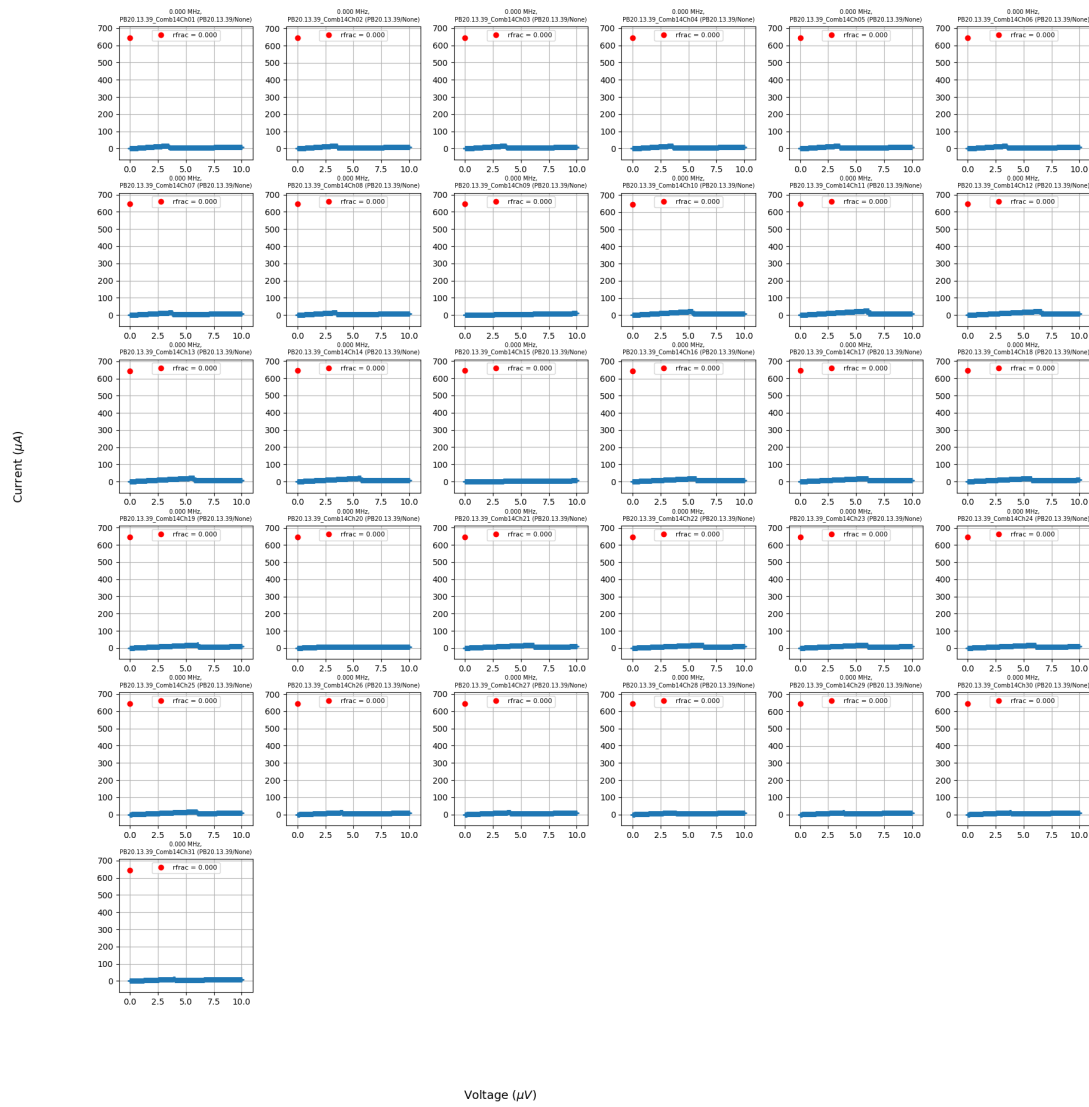
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

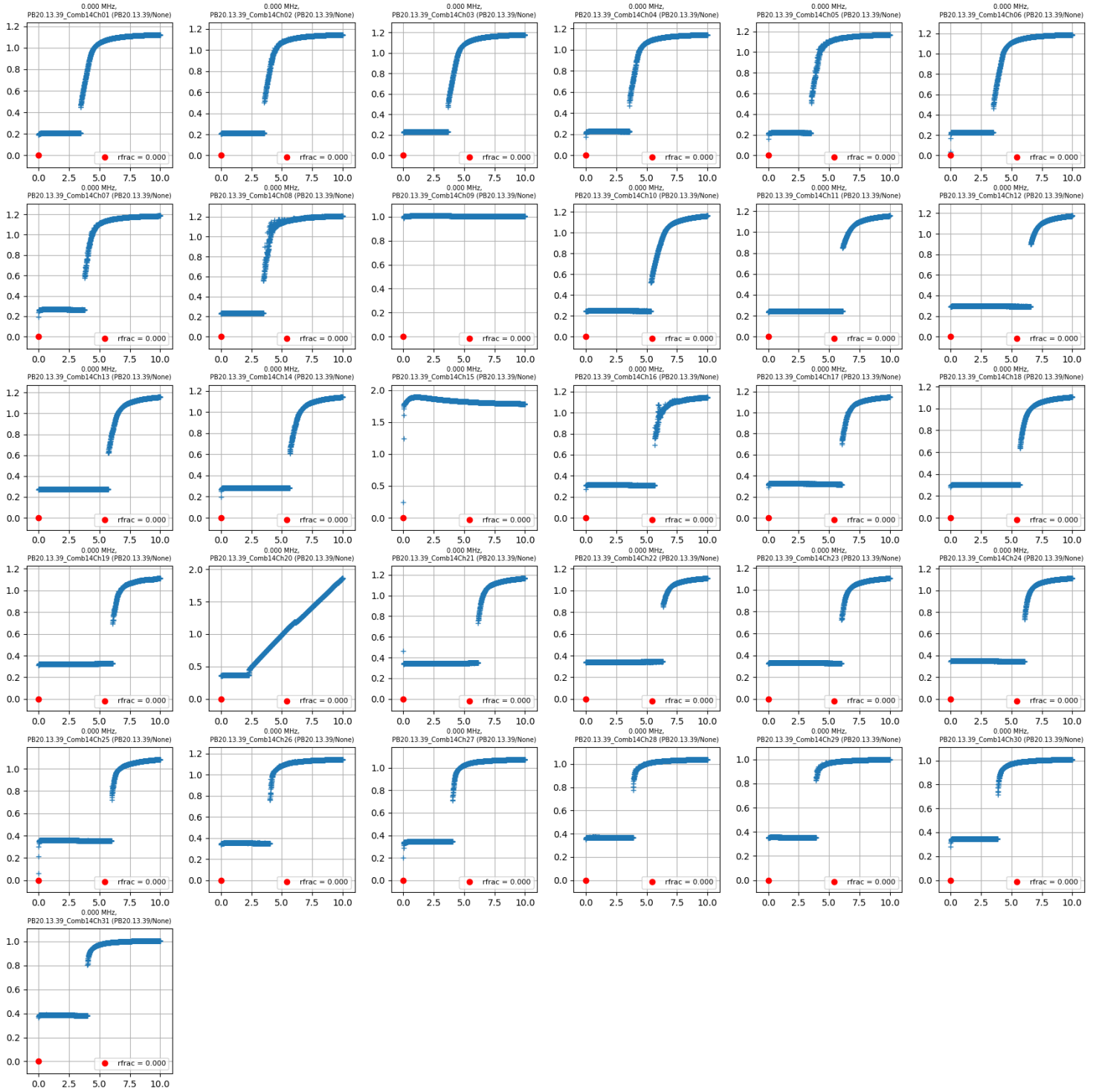
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

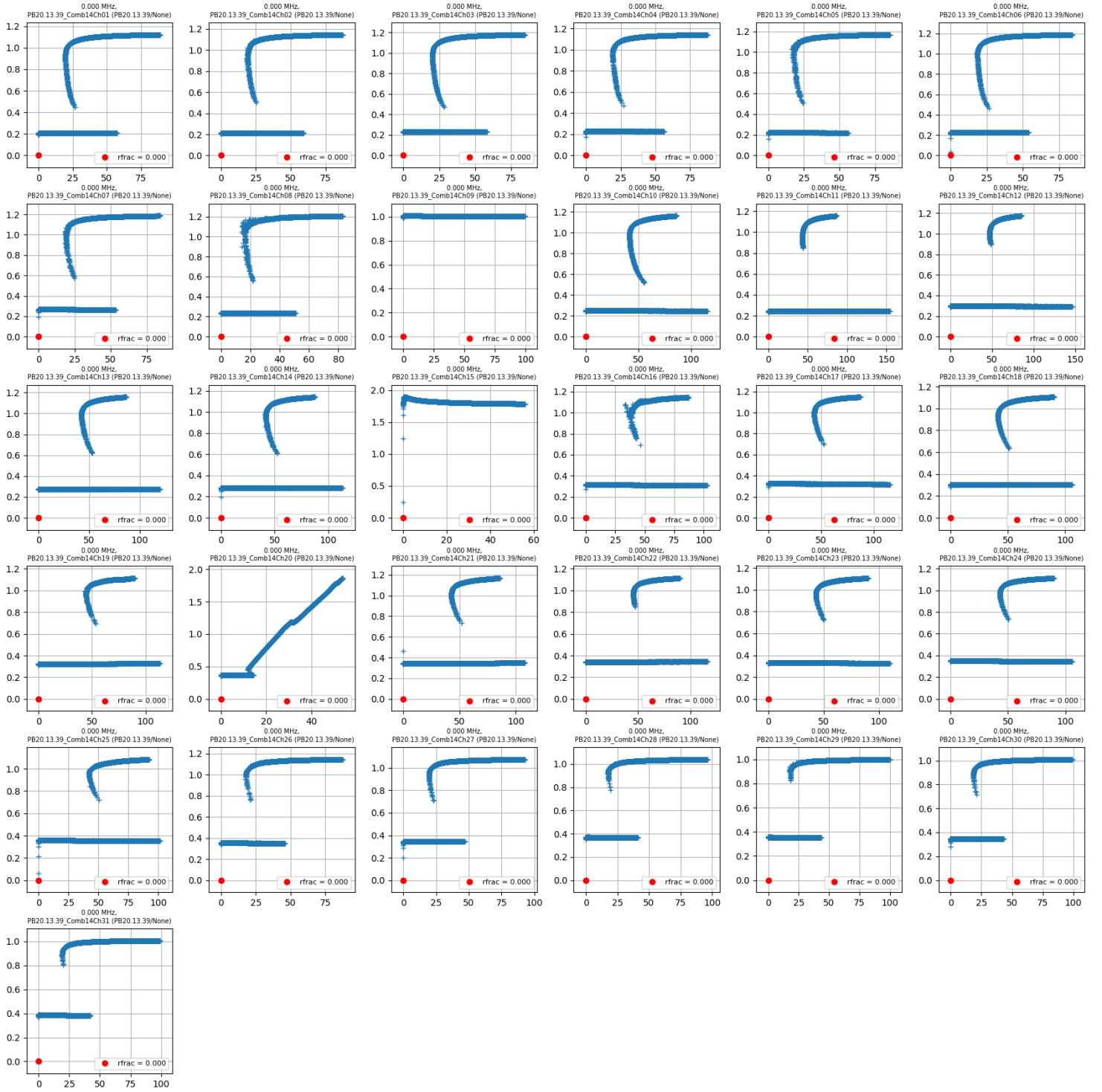


RV Curves for tuned bolometers, final state in red



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 _Comb14C h01	PB20.13.39/ None	1640090.94 704	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39 _Comb14C h02	PB20.13.39/ None	1678695.68 337	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39 _Comb14C h03	PB20.13.39/ None	1721420.29 274	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39 _Comb14C h04	PB20.13.39/ None	1837921.14 724	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39 _Comb14C h05	PB20.13.39/ None	1883697.51 442	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39 _Comb14C h06	PB20.13.39/ None	1931686.40 602	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39 _Comb14C h07	PB20.13.39/ None	1992568.97 438	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39 _Comb14C h08	PB20.13.39/ None	2047271.73 317	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39 _Comb14C h09	PB20.13.39/ None	2117233.28 102	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39 _Comb14C h10	PB20.13.39/ None	2163543.70 583	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39 _Comb14C h11	PB20.13.39/ None	2224884.03 786	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39 _Comb14C h12	PB20.13.39/ None	2344589.23 806	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39 _Comb14C h13	PB20.13.39/ None	2463912.96 852	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39 _Comb14C h14	PB20.13.39/ None	2552261.35 72	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb14C h15	PB20.13.39/ None	2763977.05 544	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb14C h16	PB20.13.39/ None	2873306.27 907	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb14C h17	PB20.13.39/ None	2946090.70 29	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb14C h18	PB20.13.39/ None	3055725.10 231	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb14C h19	PB20.13.39/ None	3131179.81 423	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb14C h20	PB20.13.39/ None	3186798.10 036	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb14C h21	PB20.13.39/ None	3278808.59 841	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb14C h22	PB20.13.39/ None	3356781.01 052	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb14C h23	PB20.13.39/ None	3418197.63 649	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb14C h24	PB20.13.39/ None	3497009.28 2	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb14C h25	PB20.13.39/ None	3612976.07 888	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb14C h26	PB20.13.39/ None	3668823.24 684	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb14C h27	PB20.13.39/ None	3825759.89 235	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb14C h28	PB20.13.39/ None	4169845.58 571	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb14C h29	PB20.13.39/ None	4258499.15 016	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb14C h30	PB20.13.39/ None	4297637.94 411	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39 _Comb14C h31	PB20.13.39/ None	4409790.04 372	0.0000	N/A: target amplitude 0	0.0000
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