

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0441).MGMEZZ04(2,None).ReadoutModule(4)
Reduced target name	IceBoard(0441).Mezz(2).ReadoutModule(4)
Date	Mon Feb 25 17:35:45 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

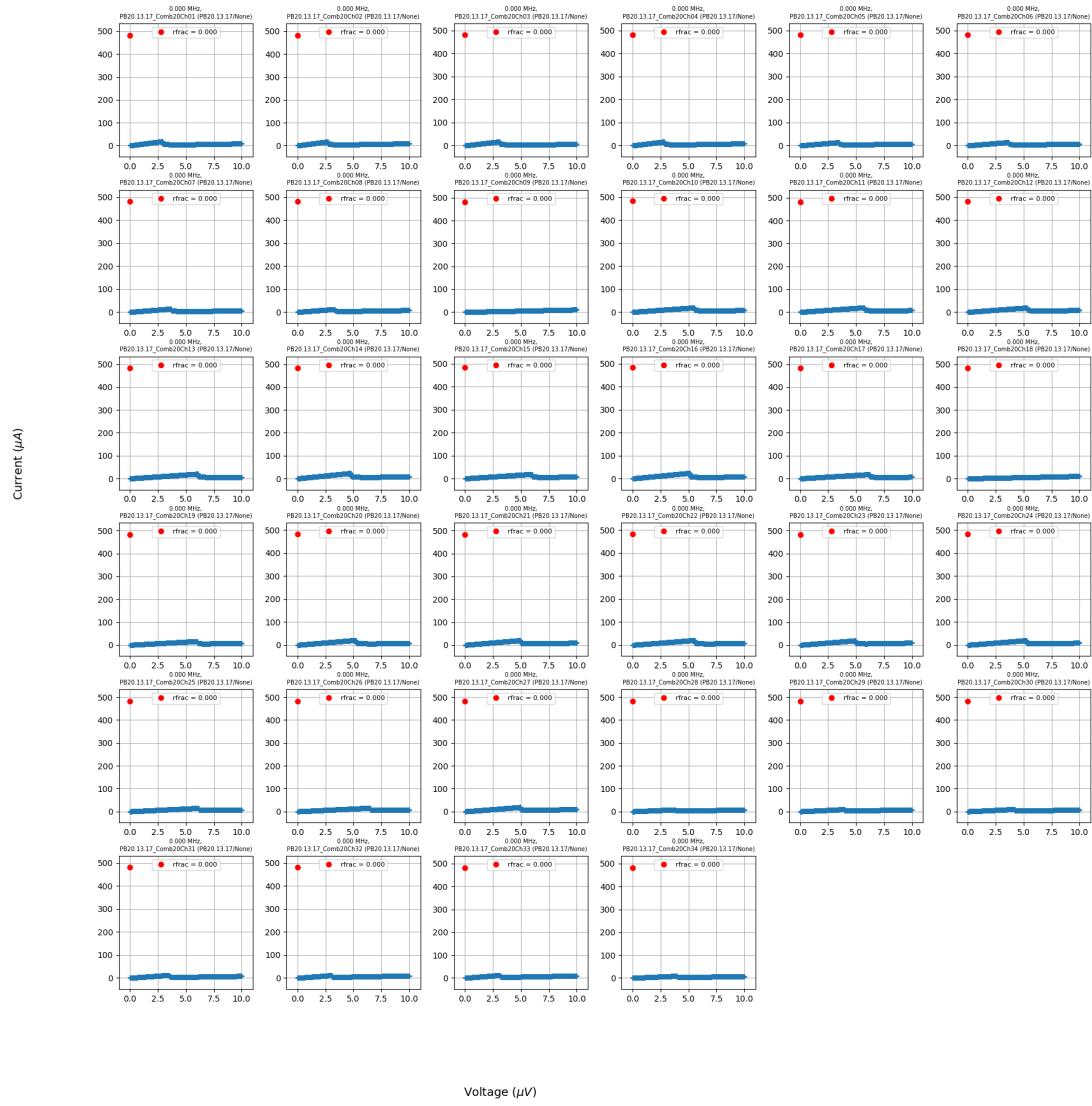
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

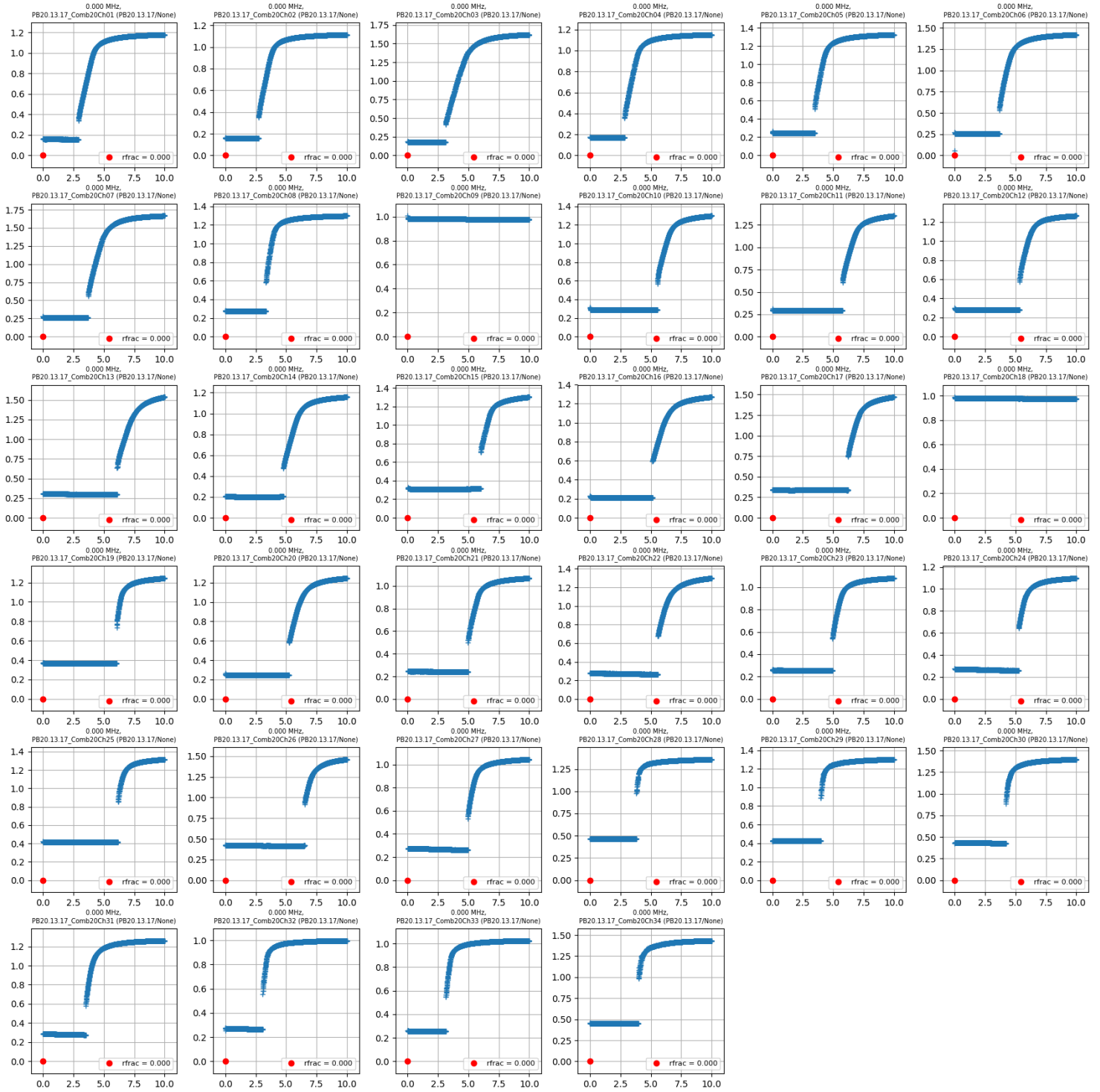
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

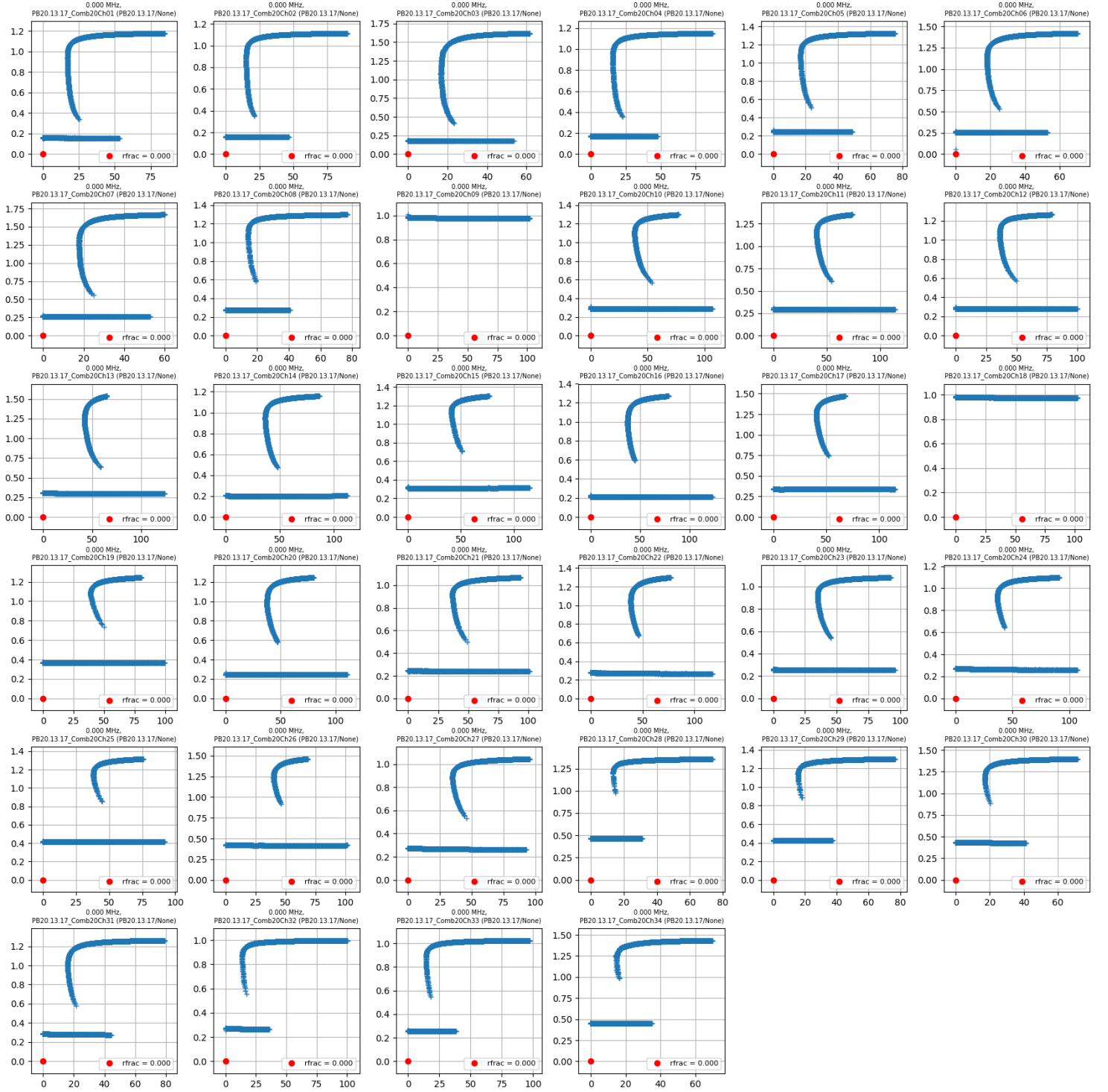


RV Curves for tuned bolometers, final state in red



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	PB20.13.17_Comb20C h01	PB20.13.17/None	1683425.90798	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb20C h02	PB20.13.17/None	1730422.97829	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb20C h03	PB20.13.17/None	1782073.97927	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb20C h04	PB20.13.17/None	1828002.93434	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb20C h05	PB20.13.17/None	1892471.31813	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb20C h06	PB20.13.17/None	1943817.14333	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb20C h07	PB20.13.17/None	1996994.02321	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb20C h08	PB20.13.17/None	2057800.29762	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb20C h09	PB20.13.17/None	2108154.30153	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb20C h10	PB20.13.17/None	2171096.80641	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb20C h11	PB20.13.17/None	2229003.91091	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb20C h12	PB20.13.17/None	2298812.87087	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb20C h13	PB20.13.17/None	2349624.63845	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb20C h14	PB20.13.17/None	2420043.94997	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb20C h15	PB20.13.17/ None	2489318.85 231	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb20C h16	PB20.13.17/ None	2550430.30 251	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb20C h17	PB20.13.17/ None	2612838.74 977	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb20C h18	PB20.13.17/ None	2756195.07 302	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb20C h19	PB20.13.17/ None	2981948.85 72	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb20C h20	PB20.13.17/ None	3040390.01 931	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb20C h21	PB20.13.17/ None	3129959.11 11	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb20C h22	PB20.13.17/ None	3202133.18 337	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb20C h23	PB20.13.17/ None	3292465.21 462	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb20C h24	PB20.13.17/ None	3374633.79 372	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb20C h25	PB20.13.17/ None	3446502.69 02	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb20C h26	PB20.13.17/ None	3521499.63 845	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb20C h27	PB20.13.17/ None	3630371.09 841	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb20C h28	PB20.13.17/ None	3722000.12 673	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb20C h29	PB20.13.17/ None	3810195.92 751	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb20C h30	PB20.13.17/ None	3889465.33 669	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb20C h31	PB20.13.17/ None	4067382.81 716	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb20C h32	PB20.13.17/ None	4182739.26 247	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb20C h33	PB20.13.17/ None	4267120.36 598	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb20C h34	PB20.13.17/ None	4366302.49 489	0.0000	N/A: target amplitude 0	0.0000