

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0441).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0441).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:28:53 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	36
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

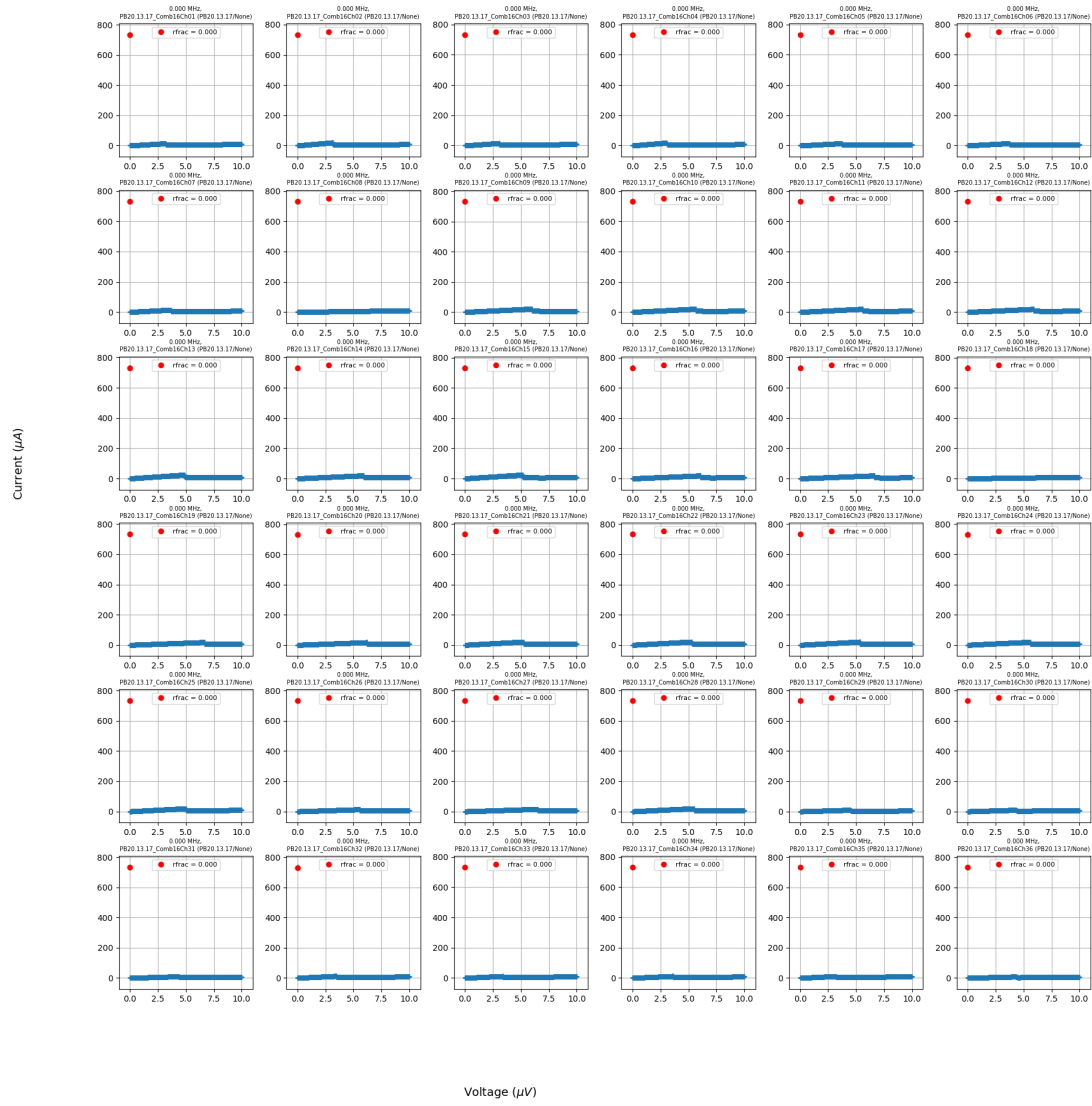
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

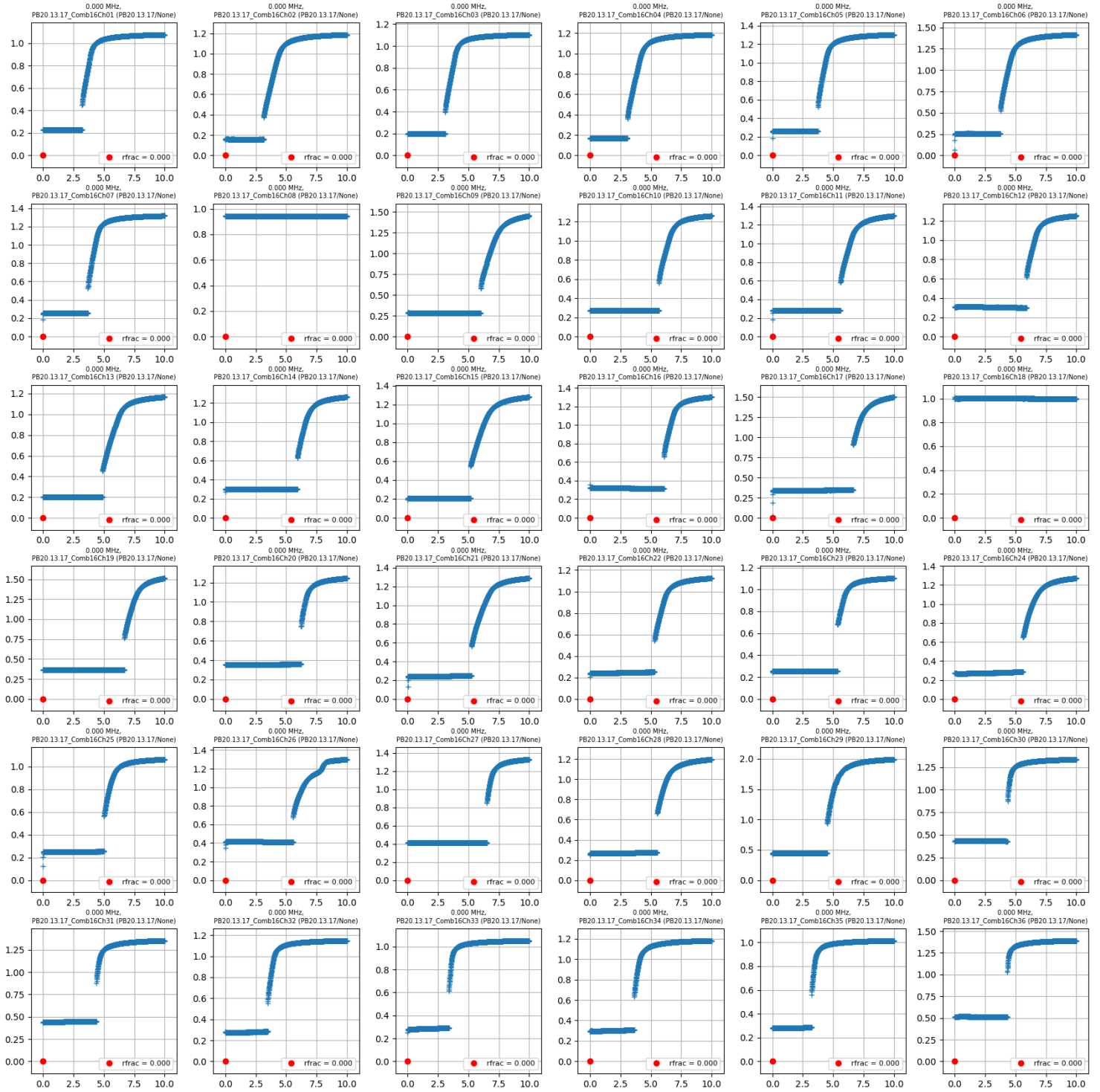
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

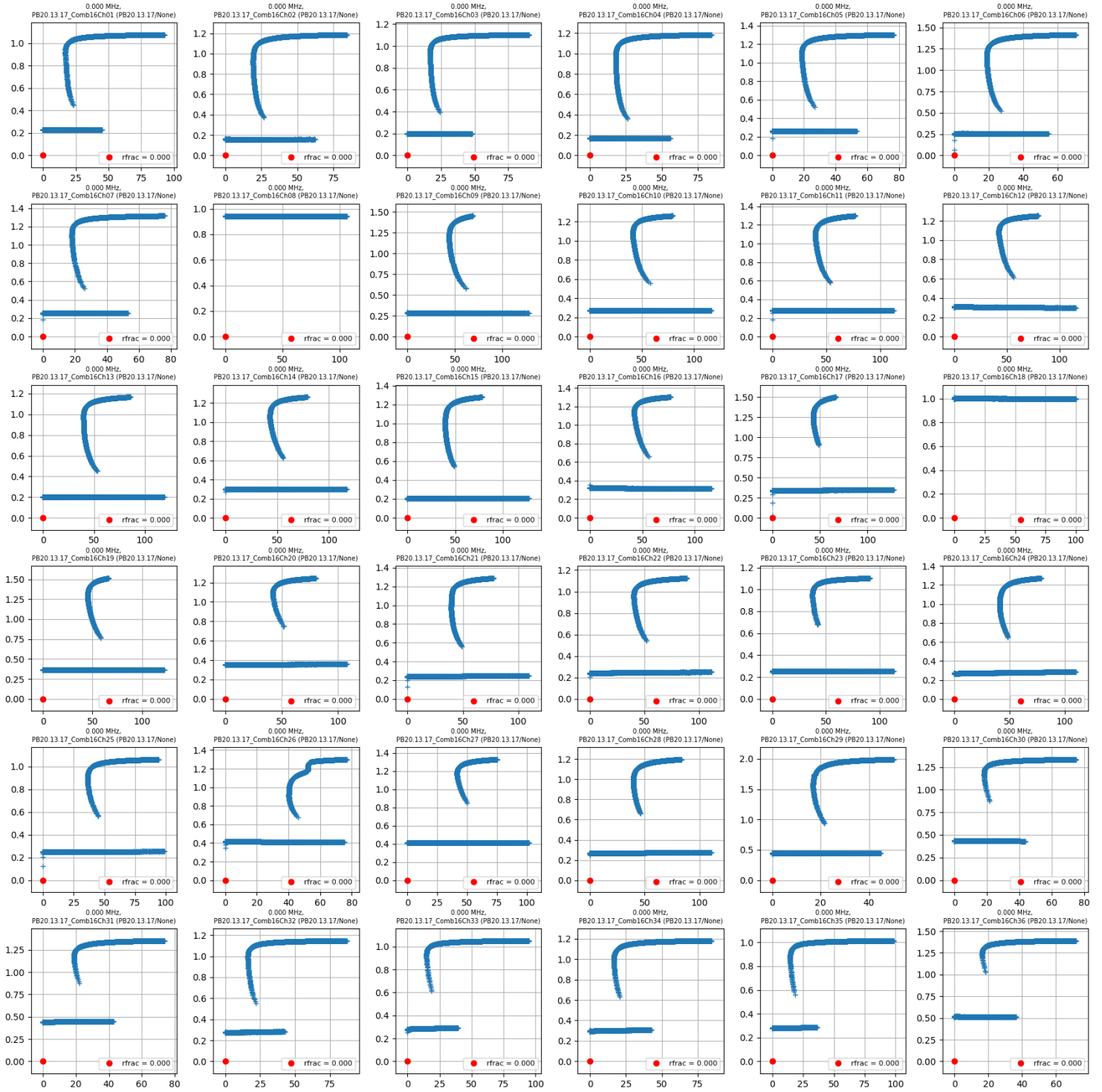


RV Curves for tuned bolometers, final state in red



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_Comb16C h01	PB20.13.17/None	1677932.74391	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb16C h02	PB20.13.17/None	1727142.33864	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb16C h03	PB20.13.17/None	1782684.33083	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb16C h04	PB20.13.17/None	1826553.34938	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb16C h05	PB20.13.17/None	1886596.68434	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb16C h06	PB20.13.17/None	1940460.20974	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb16C h07	PB20.13.17/None	1996002.20192	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb16C h08	PB20.13.17/None	2106933.59841	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb16C h09	PB20.13.17/None	2167816.16677	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb16C h10	PB20.13.17/None	2223815.92263	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb16C h11	PB20.13.17/None	2293167.11891	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb16C h12	PB20.13.17/None	2347793.58376	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb16C h13	PB20.13.17/None	2415237.43141	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb16C h14	PB20.13.17/None	2485580.44899	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb16C h15	PB20.13.17/ None	2543029.78 981	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb16C h16	PB20.13.17/ None	2611618.04 665	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb16C h17	PB20.13.17/ None	2696838.38 356	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb16C h18	PB20.13.17/ None	2755661.01 54	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb16C h19	PB20.13.17/ None	2907180.79 079	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb16C h20	PB20.13.17/ None	2976531.98 708	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb16C h21	PB20.13.17/ None	3033752.44 606	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb16C h22	PB20.13.17/ None	3123245.24 391	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb16C h23	PB20.13.17/ None	3201370.24 391	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb16C h24	PB20.13.17/ None	3285980.22 927	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb16C h25	PB20.13.17/ None	3368072.51 442	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb16C h26	PB20.13.17/ None	3440628.05 641	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb16C h27	PB20.13.17/ None	3522415.16 579	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb16C h28	PB20.13.17/ None	3624954.22 829	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb16C h29	PB20.13.17/ None	3716125.49 294	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb16C h30	PB20.13.17/ None	3800659.18 434	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb16C h31	PB20.13.17/ None	3883819.58 474	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb16C h32	PB20.13.17/ None	3953018.19 313	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb16C h33	PB20.13.17/ None	4067306.52 321	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb16C h34	PB20.13.17/ None	4171981.81 618	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb16C h35	PB20.13.17/ None	4256210.33 181	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb16C h36	PB20.13.17/ None	4367370.61 012	0.0000	N/A: target amplitude 0	0.0000