

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0441).MGMEZZ04(2,None).ReadoutModule(1)
Reduced target name	IceBoard(0441).Mezz(2).ReadoutModule(1)
Date	Mon Feb 25 17:35:31 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	38
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

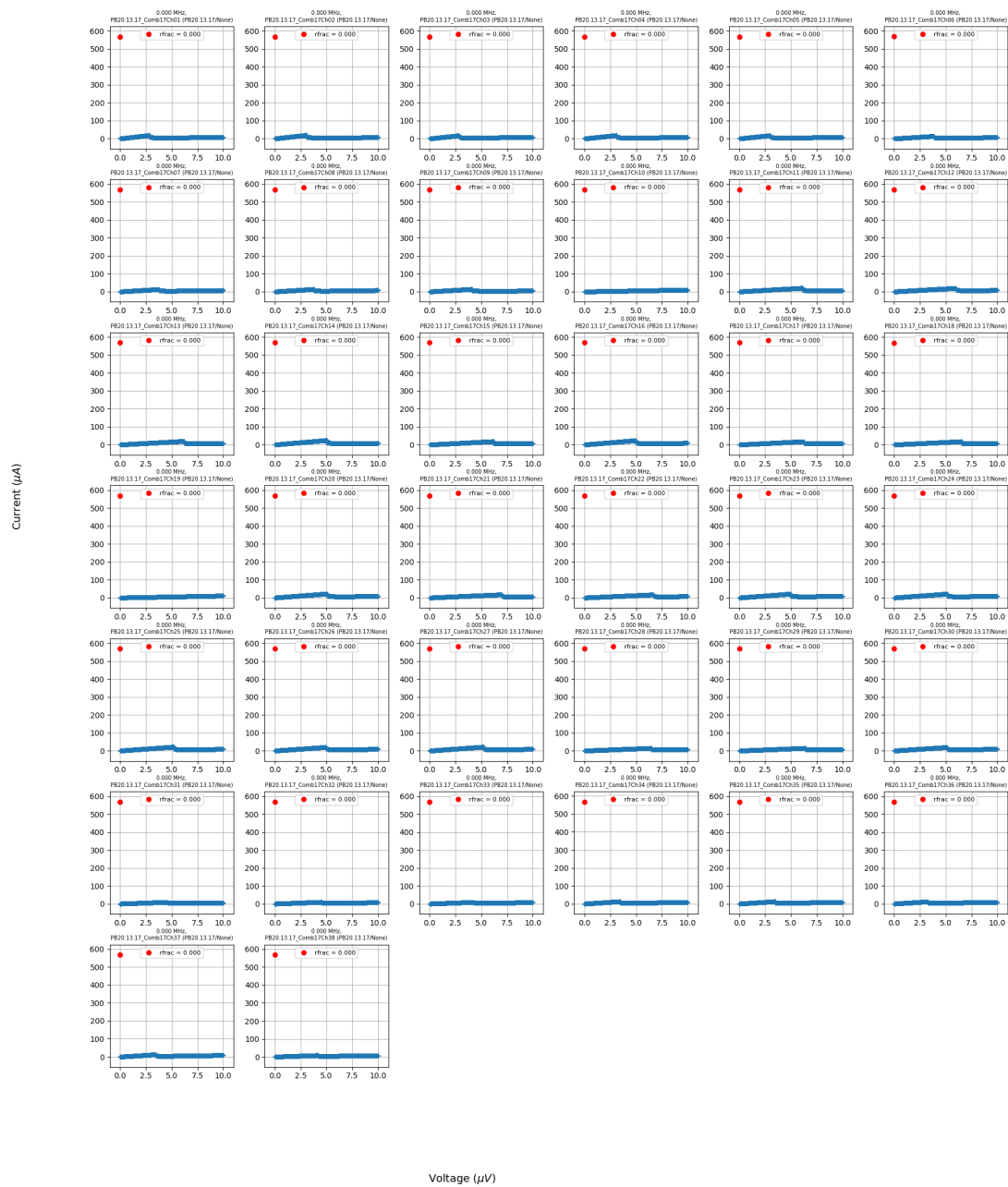
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

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

Plots

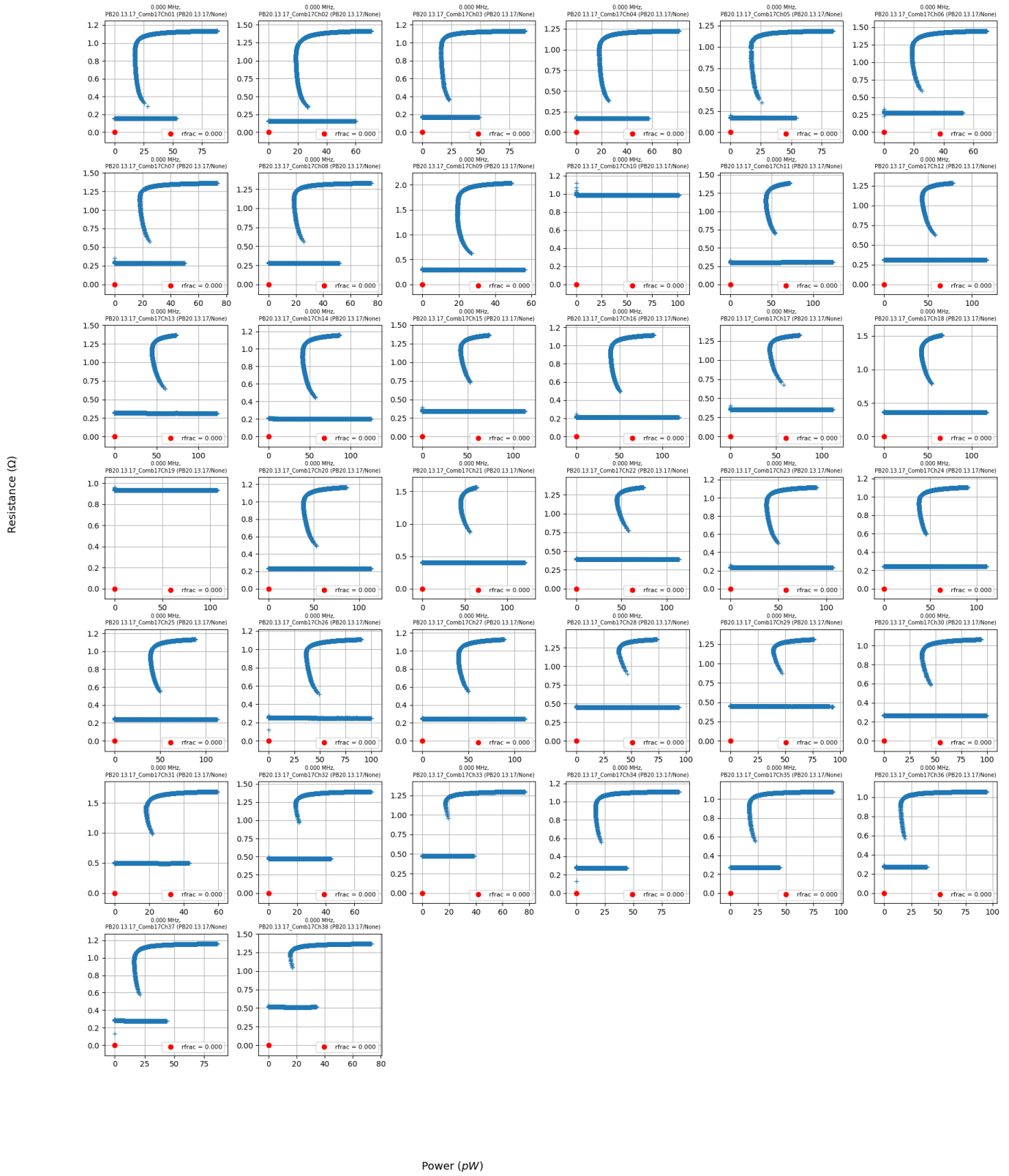
IV Curves for tuned bolometers, final state in red



RV Curves for tuned bolometers, final state in red

Voltage (μV)

R-P Curves for tuned bolometers, final state in red



Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.17_Comb17C_h01	PB20.13.17/None	1692123.41774	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17_Comb17C_h02	PB20.13.17/None	1730346.68434	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17_Comb17C_h03	PB20.13.17/None	1785125.73708	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17_Comb17C_h04	PB20.13.17/None	1842041.02028	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17_Comb17C_h05	PB20.13.17/None	1888504.03298	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17_Comb17C_h06	PB20.13.17/None	1941909.7947	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17_Comb17C_h07	PB20.13.17/None	1995620.7322	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17_Comb17C_h08	PB20.13.17/None	2062454.22829	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17_Comb17C_h09	PB20.13.17/None	2112884.52614	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17_Comb17C_h10	PB20.13.17/None	2172470.09743	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17_Comb17C_h11	PB20.13.17/None	2302703.86208	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17_Comb17C_h12	PB20.13.17/None	2362365.72731	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17_Comb17C_h13	PB20.13.17/None	2428817.75368	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17_Comb17C_h14	PB20.13.17/None	2492980.96169	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb17C h15	PB20.13.17/ None	2551498.41 774	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb17C h16	PB20.13.17/ None	2629013.06 618	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb17C h17	PB20.13.17/ None	2703323.36 891	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb17C h18	PB20.13.17/ None	2757110.60 036	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb17C h19	PB20.13.17/ None	2849655.15 602	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb17C h20	PB20.13.17/ None	2908935.55 153	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb17C h21	PB20.13.17/ None	2966766.36 208	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb17C h22	PB20.13.17/ None	3046951.29 86	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb17C h23	PB20.13.17/ None	3137588.50 563	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb17C h24	PB20.13.17/ None	3226318.36 403	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb17C h25	PB20.13.17/ None	3307952.88 552	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb17C h26	PB20.13.17/ None	3364715.58 083	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb17C h27	PB20.13.17/ None	3461303.71 559	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb17C h28	PB20.13.17/ None	3548583.98 903	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb17C h29	PB20.13.17/ None	3630828.86 208	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb17C h30	PB20.13.17/ None	3711929.32 595	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17 _Comb17C h31	PB20.13.17/ None	3795242.31 423	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17 _Comb17C h32	PB20.13.17/ None	3891906.74 294	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17 _Comb17C h33	PB20.13.17/ None	3997802.73 903	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17 _Comb17C h34	PB20.13.17/ None	4090118.41 286	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17 _Comb17C h35	PB20.13.17/ None	4190979.00 856	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17 _Comb17C h36	PB20.13.17/ None	4275741.58 181	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17 _Comb17C h37	PB20.13.17/ None	4362869.26 735	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.17 _Comb17C h38	PB20.13.17/ None	4494323.73 512	0.0000	N/A: target amplitude 0	0.0000