Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0426).MGMEZZ04(2,None).ReadoutModule(1)
Reduced target name	IceBoard(0426).Mezz(2).ReadoutModule(1)
Date	Mon Feb 25 17:24:16 2019
HWM used	190221_run17b_hwm
Outcome	success

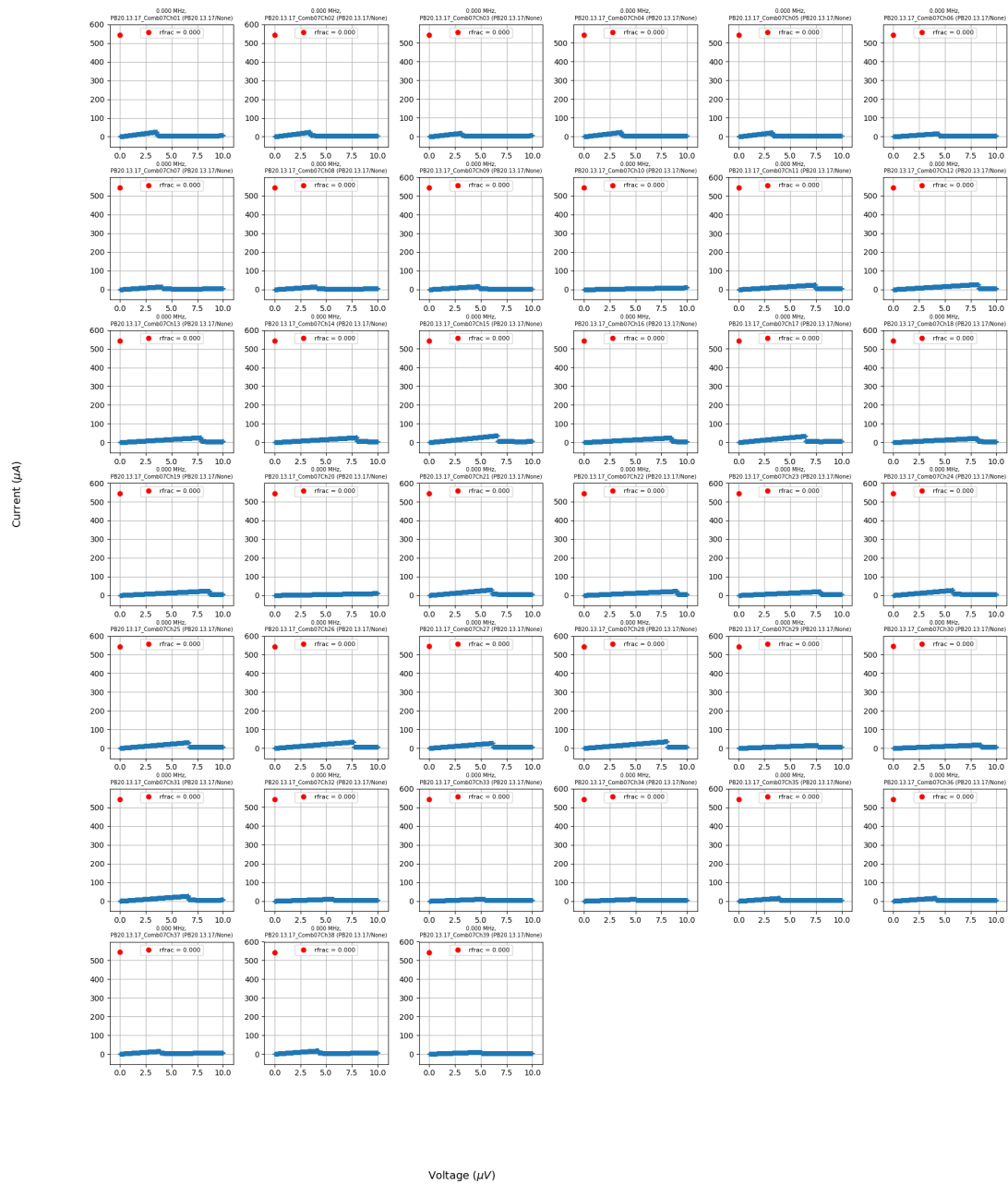| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	39
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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

To convert Power values to RMS, divide by 2.
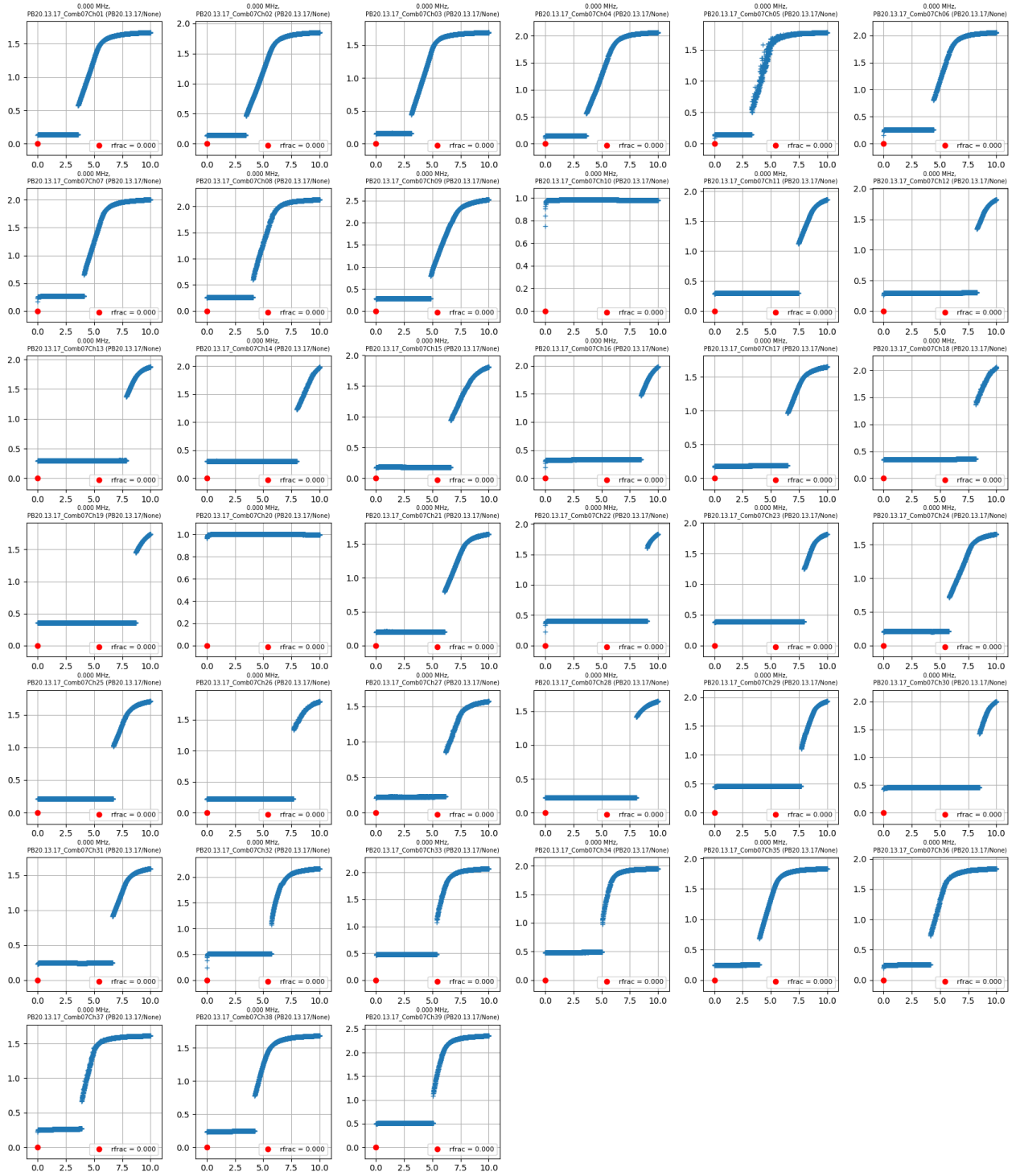
To convert Current or Voltage to RMS, divide by sqrt(2).

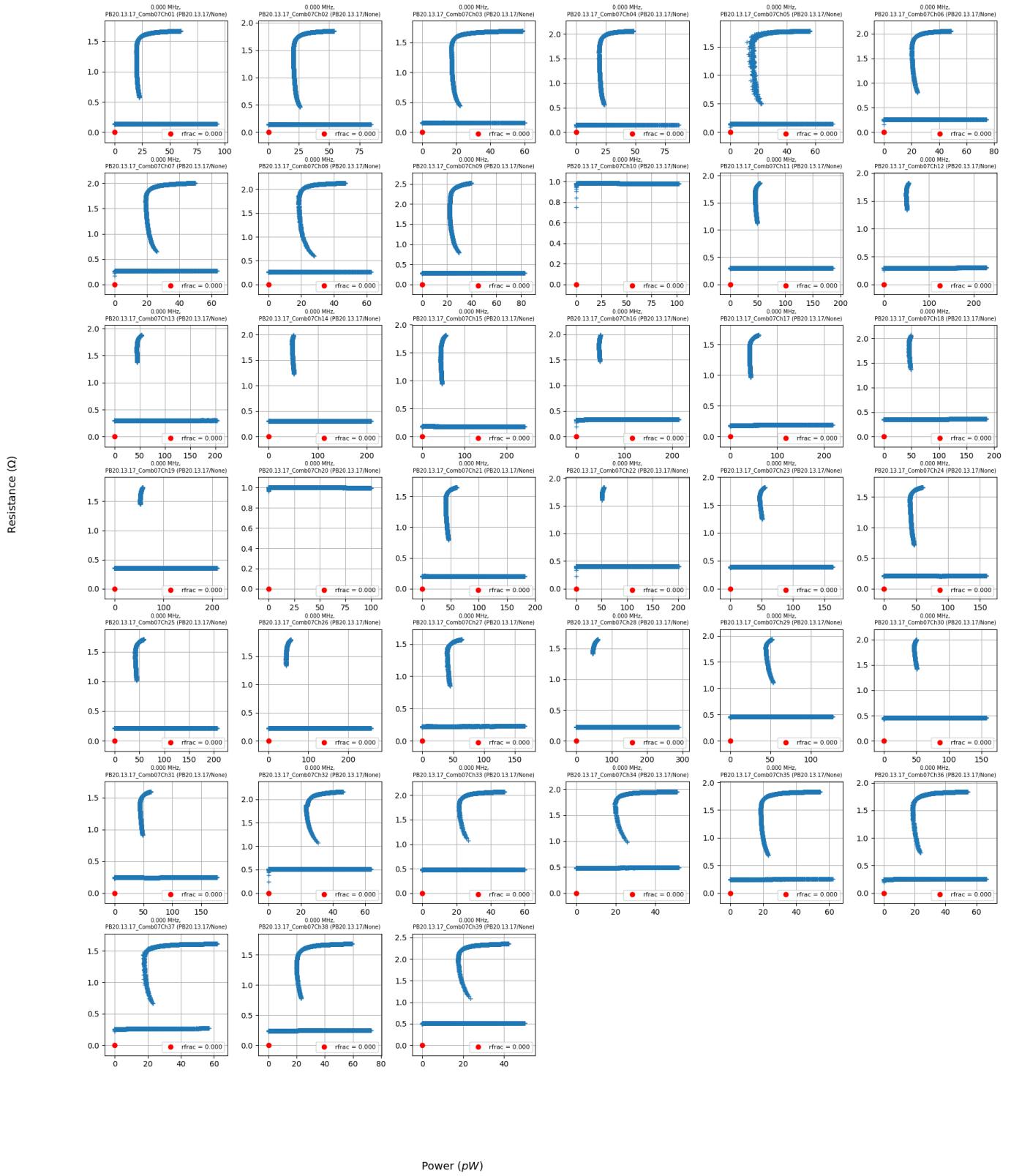# Plots

IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

Resistance (Ω)

Voltage (μV)

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

Resistance (Ω)

Power (*pW*)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.17 _Comb07C h01	PB20.13.17/ None	1695327.76 345	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17 _Comb07C h02	PB20.13.17/ None	1737442.02 126	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17 _Comb07C h03	PB20.13.17/ None	1781616.21 559	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17 _Comb07C h04	PB20.13.17/ None	1842422.49 001	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17 _Comb07C h05	PB20.13.17/ None	1896667.48 512	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17 _Comb07C h06	PB20.13.17/ None	1956787.11 403	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17 _Comb07C h07	PB20.13.17/ None	2000885.01 442	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17 _Comb07C h08	PB20.13.17/ None	2070236.21 071	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17 _Comb07C h09	PB20.13.17/ None	2124252.32 399	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17 _Comb07C h10	PB20.13.17/ None	2186737.06 52	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17 _Comb07C h11	PB20.13.17/ None	2235260.01 442	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17 _Comb07C h12	PB20.13.17/ None	2304077.15 309	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17 _Comb07C h13	PB20.13.17/ None	2368774.41 872	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17 _Comb07C h14	PB20.13.17/ None	2434310.91 774	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17_Comb07Ch15	PB20.13.17/None	2490615.84938	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17_Comb07Ch16	PB20.13.17/None	2553482.06032	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17_Comb07Ch17	PB20.13.17/None	2640228.27614	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17_Comb07Ch18	PB20.13.17/None	2690658.57399	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17_Comb07Ch19	PB20.13.17/None	2762756.35231	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17_Comb07Ch20	PB20.13.17/None	2853393.55934	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17_Comb07Ch21	PB20.13.17/None	2920761.11306	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17_Comb07Ch22	PB20.13.17/None	2989730.83962	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17_Comb07Ch23	PB20.13.17/None	3065032.96364	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17_Comb07Ch24	PB20.13.17/None	3143768.3152	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17_Comb07Ch25	PB20.13.17/None	3225555.42458	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17_Comb07Ch26	PB20.13.17/None	3288650.51735	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17_Comb07Ch27	PB20.13.17/None	3375778.2029	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17_Comb07Ch28	PB20.13.17/None	3457794.19411	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17_Comb07Ch29	PB20.13.17/None	3566589.36013	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17_Comb07Ch30	PB20.13.17/None	3628311.16188	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17_Comb07Ch31	PB20.13.17/None	3717651.37184	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17_Comb07Ch32	PB20.13.17/None	3820724.49196	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17_Comb07Ch33	PB20.13.17/None	3914184.57497	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17_Comb07Ch34	PB20.13.17/None	3989028.93532	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17_Comb07Ch35	PB20.13.17/None	4103393.55934	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.17_Comb07Ch36	PB20.13.17/None	4178466.80153	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.17_Comb07Ch37	PB20.13.17/None	4295043.94997	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.17_Comb07Ch38	PB20.13.17/None	4372406.01052	0.0000	N/A: target amplitude 0	0.0000
39	PB20.13.17_Comb07Ch39	PB20.13.17/None	4491882.32887	0.0000	N/A: target amplitude 0	0.0000