Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0414).MGMEZZ04(2,None).ReadoutModule(1)
Reduced target name	IceBoard(0414).Mezz(2).ReadoutModule(1)
Date	Mon Feb 25 17:28:16 2019
HWM used	190221_run17b_hwm
Outcome	success

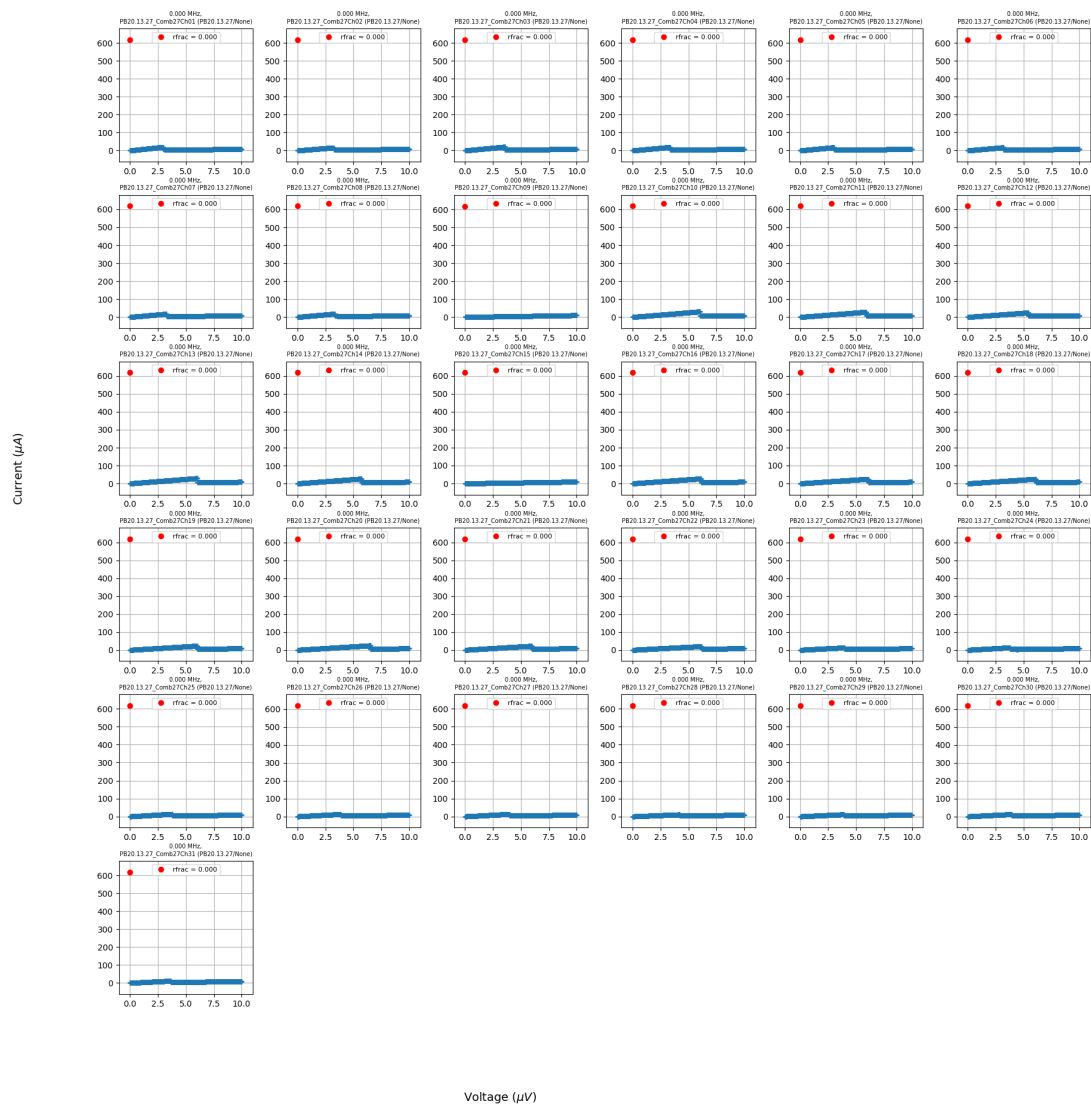| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	31
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.
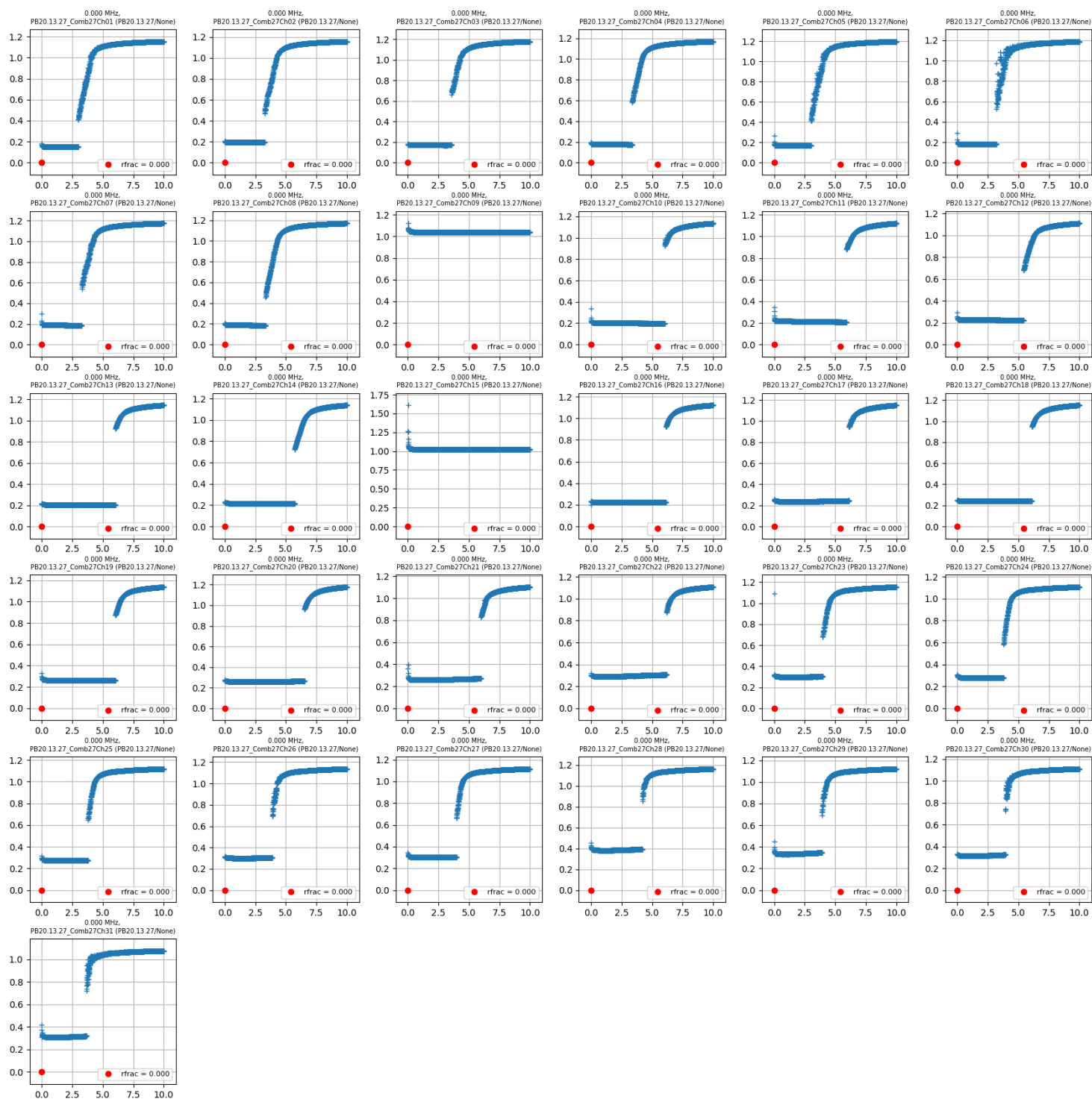
To convert Power values to RMS, divide by 2.

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

Plots
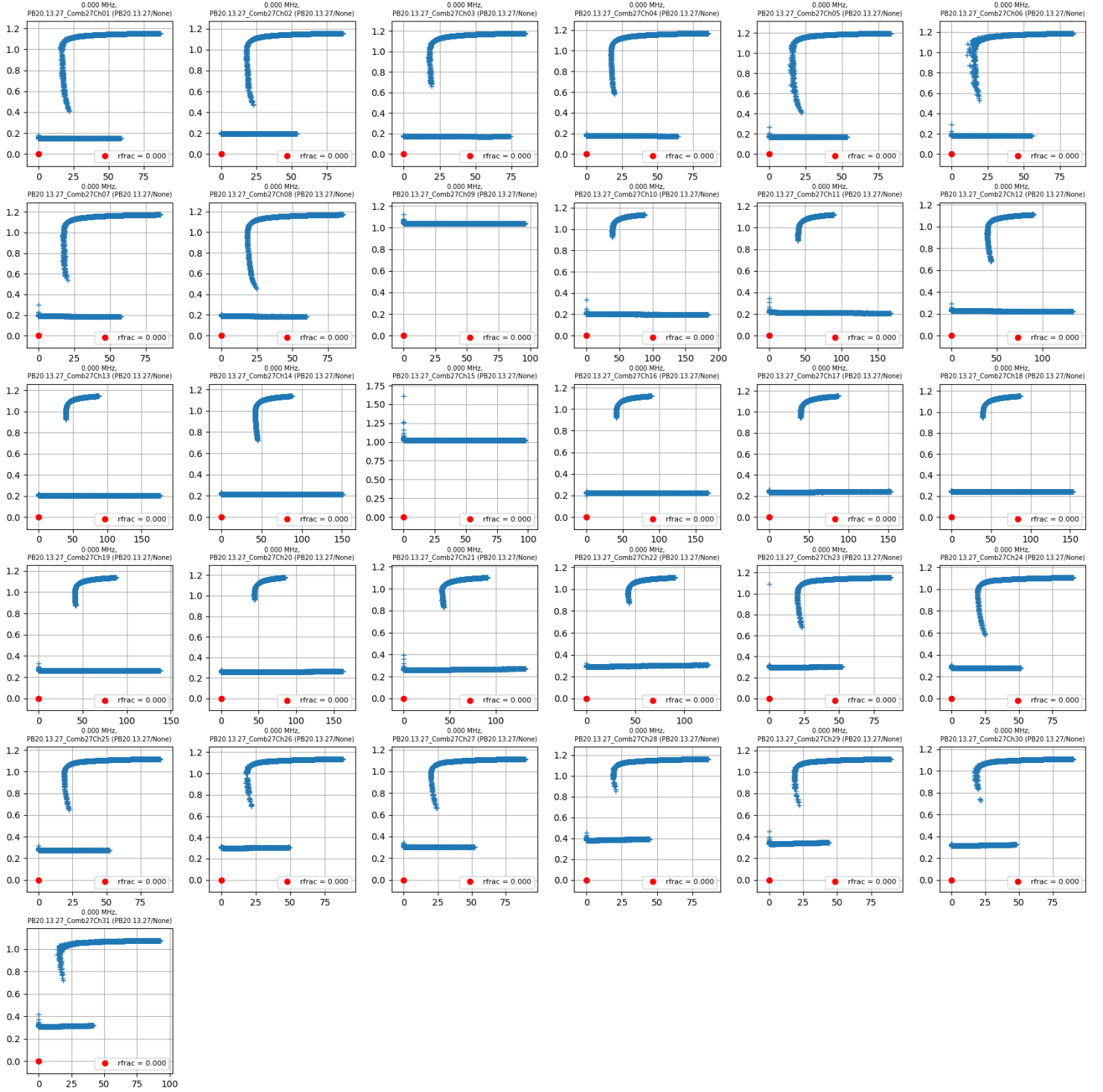
IV Curves for tuned bolometers, final state in red

Current (µA)

Voltage (µV)

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	PB20.13.27_Comb27Ch01	PB20.13.27/None	1634445.19509	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb27Ch02	PB20.13.27/None	1689071.65993	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb27Ch03	PB20.13.27/None	1725082.40212	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb27Ch04	PB20.13.27/None	1785430.91286	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb27Ch05	PB20.13.27/None	1841278.08083	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb27Ch06	PB20.13.27/None	1891479.49684	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb27Ch07	PB20.13.27/None	1994476.32302	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb27Ch08	PB20.13.27/None	2049407.96364	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb27Ch09	PB20.13.27/None	2117767.33864	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb27Ch10	PB20.13.27/None	2295989.99489	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb27Ch11	PB20.13.27/None	2467193.60817	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb27Ch12	PB20.13.27/None	2566680.91286	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb27Ch13	PB20.13.27/None	2598800.66384	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb27Ch14	PB20.13.27/None	2661514.28688	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb27C h15	PB20.13.27/ None	2763519.29 177	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb27C h16	PB20.13.27/ None	2873535.16 091	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb27C h17	PB20.13.27/ None	2956008.91 579	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb27C h18	PB20.13.27/ None	3067245.48 806	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb27C h19	PB20.13.27/ None	3197250.37 087	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb27C h20	PB20.13.27/ None	3283691.41 091	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb27C h21	PB20.13.27/ None	3432083.13 454	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb27C h22	PB20.13.27/ None	3609085.08 766	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb27C h23	PB20.13.27/ None	3673095.70 778	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb27C h24	PB20.13.27/ None	3772354.13 063	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb27C h25	PB20.13.27/ None	3840560.91 774	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb27C h26	PB20.13.27/ None	3994674.68 727	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb27C h27	PB20.13.27/ None	4067916.87 477	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb27C h28	PB20.13.27/ None	4180679.32 595	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb27C h29	PB20.13.27/ None	4274826.05 446	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb27C h30	PB20.13.27/ None	4308395.39 04	0.0000	N/A: target amplitude 0	0.0000

| 31 | PB20.13.27_Comb27Ch31 | PB20.13.27/None | 4415130.61989 | 0.0000 | N/A: target amplitude 0 | 0.0000 |