Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0423).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0423).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:32:56 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

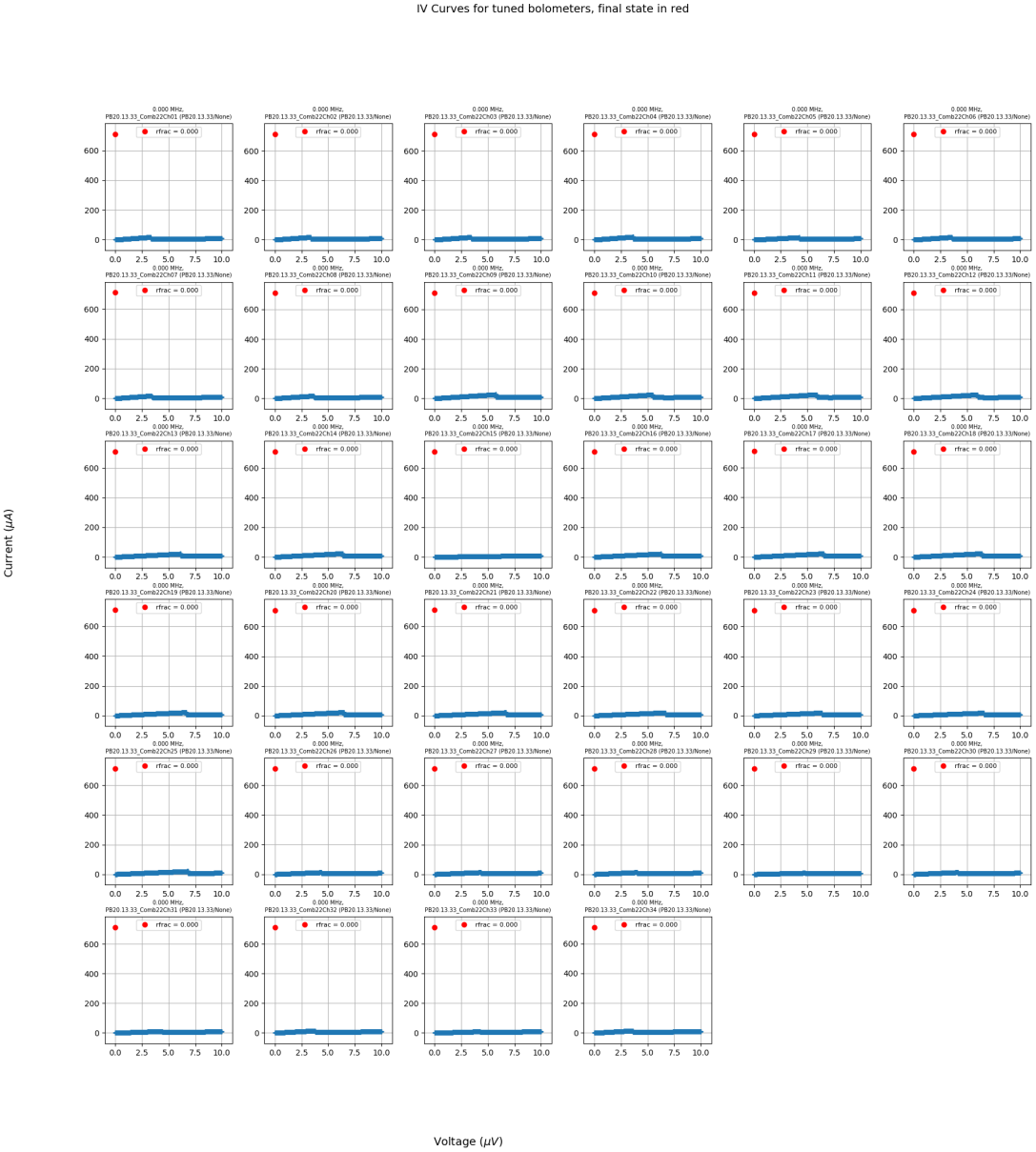
Note

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

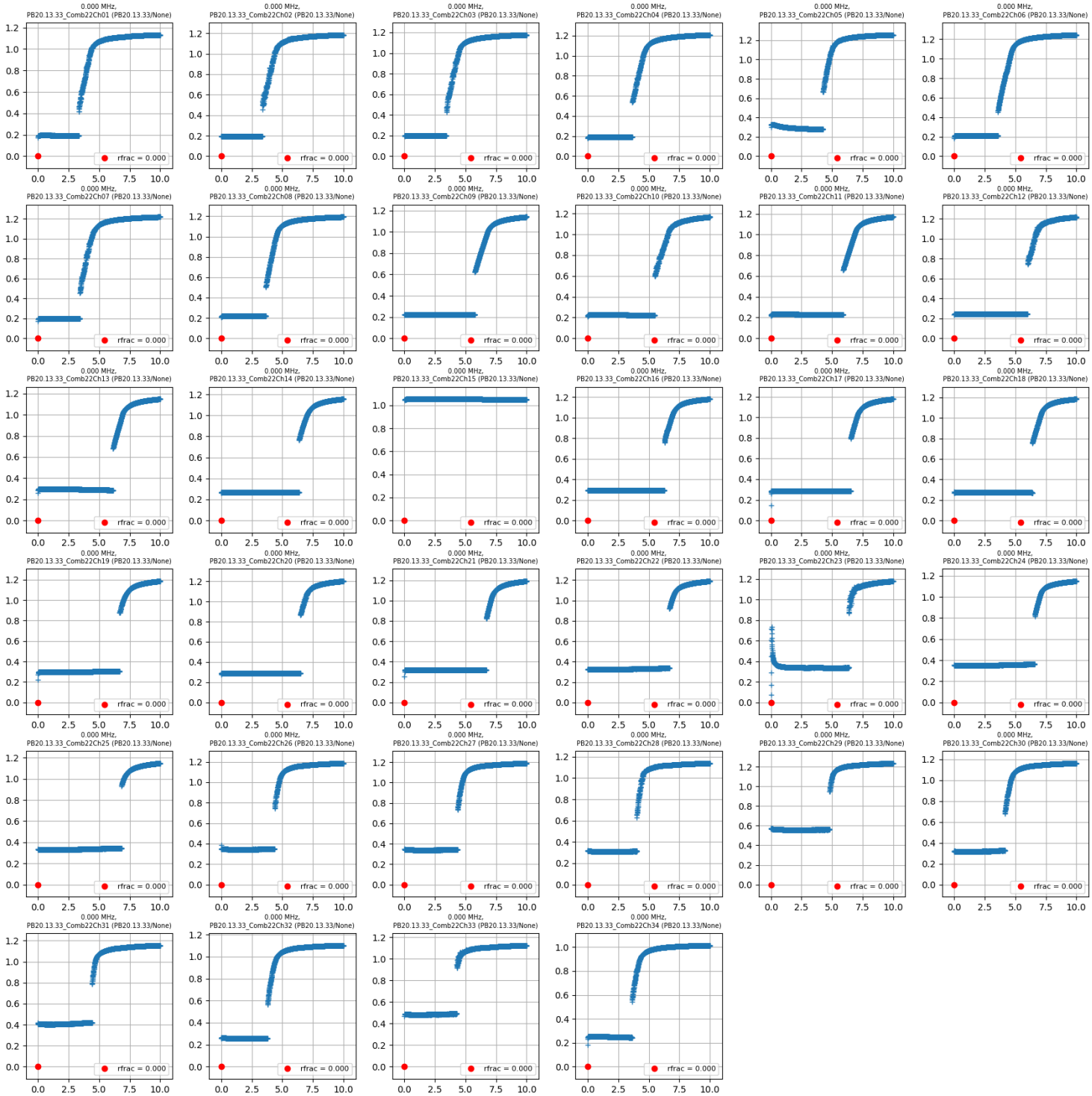
To convert Power values to RMS, divide by 2.

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

Plots

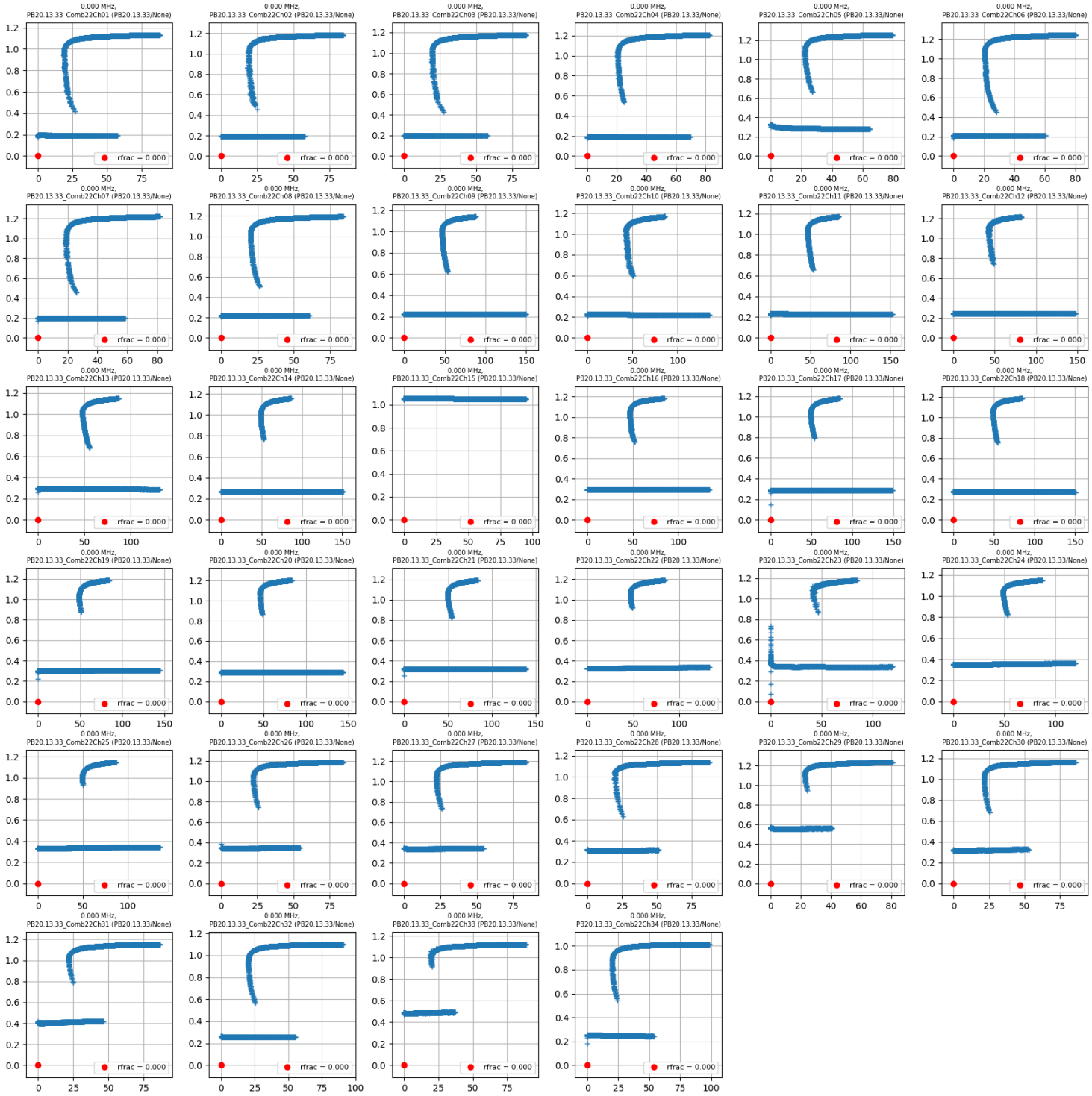

IV Curves for tuned bolometers, final state in red
Current (μA)
Voltage (μV)

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	PB20.13.33_Comb22Ch01	PB20.13.33/None	1658477.78786	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb22Ch02	PB20.13.33/None	1696243.29079	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb22Ch03	PB20.13.33/None	1741867.07009	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb22Ch04	PB20.13.33/None	1806869.51149	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb22Ch05	PB20.13.33/None	1880722.05056	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb22Ch06	PB20.13.33/None	1903152.47048	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb22Ch07	PB20.13.33/None	1946105.96169	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb22Ch08	PB20.13.33/None	2021713.26149	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb22Ch09	PB20.13.33/None	2261428.83766	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb22Ch10	PB20.13.33/None	2303619.38942	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb22Ch11	PB20.13.33/None	2397689.82399	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb22Ch12	PB20.13.33/None	2438659.67263	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb22Ch13	PB20.13.33/None	2585601.8113	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb22Ch14	PB20.13.33/None	2676239.01833	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb22Ch15	PB20.13.33/None	2811050.4197	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb22Ch16	PB20.13.33/None	2860412.60231	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb22Ch17	PB20.13.33/None	2890930.18044	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb22Ch18	PB20.13.33/None	2964324.95583	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb22Ch19	PB20.13.33/None	3116531.37673	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb22Ch20	PB20.13.33/None	3163681.03493	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb22Ch21	PB20.13.33/None	3301620.48806	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb22Ch22	PB20.13.33/None	3383255.00954	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb22Ch23	PB20.13.33/None	3461303.71559	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb22Ch24	PB20.13.33/None	3521041.87477	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb22Ch25	PB20.13.33/None	3631973.27126	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb22Ch26	PB20.13.33/None	3695602.42165	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb22Ch27	PB20.13.33/None	3782272.34352	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb22Ch28	PB20.13.33/None	3860168.46169	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb22Ch29	PB20.13.33/None	4034500.12673	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb22Ch30	PB20.13.33/None	4100418.09548	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33_Comb22Ch31	PB20.13.33/None	4200439.45778	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33_Comb22Ch32	PB20.13.33/None	4284439.09157	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33_Comb22Ch33	PB20.13.33/None	4377593.9988	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33_Comb22Ch34	PB20.13.33/None	4445343.02223	0.0000	N/A: target amplitude 0	0.0000