Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0401).MGMEZZ04(1,None).ReadoutModule(2)
Reduced target name	IceBoard(0401).Mezz(1).ReadoutModule(2)
Date	Mon Feb 25 17:30:07 2019
HWM used	190221_run17b_hwm
Outcome	success

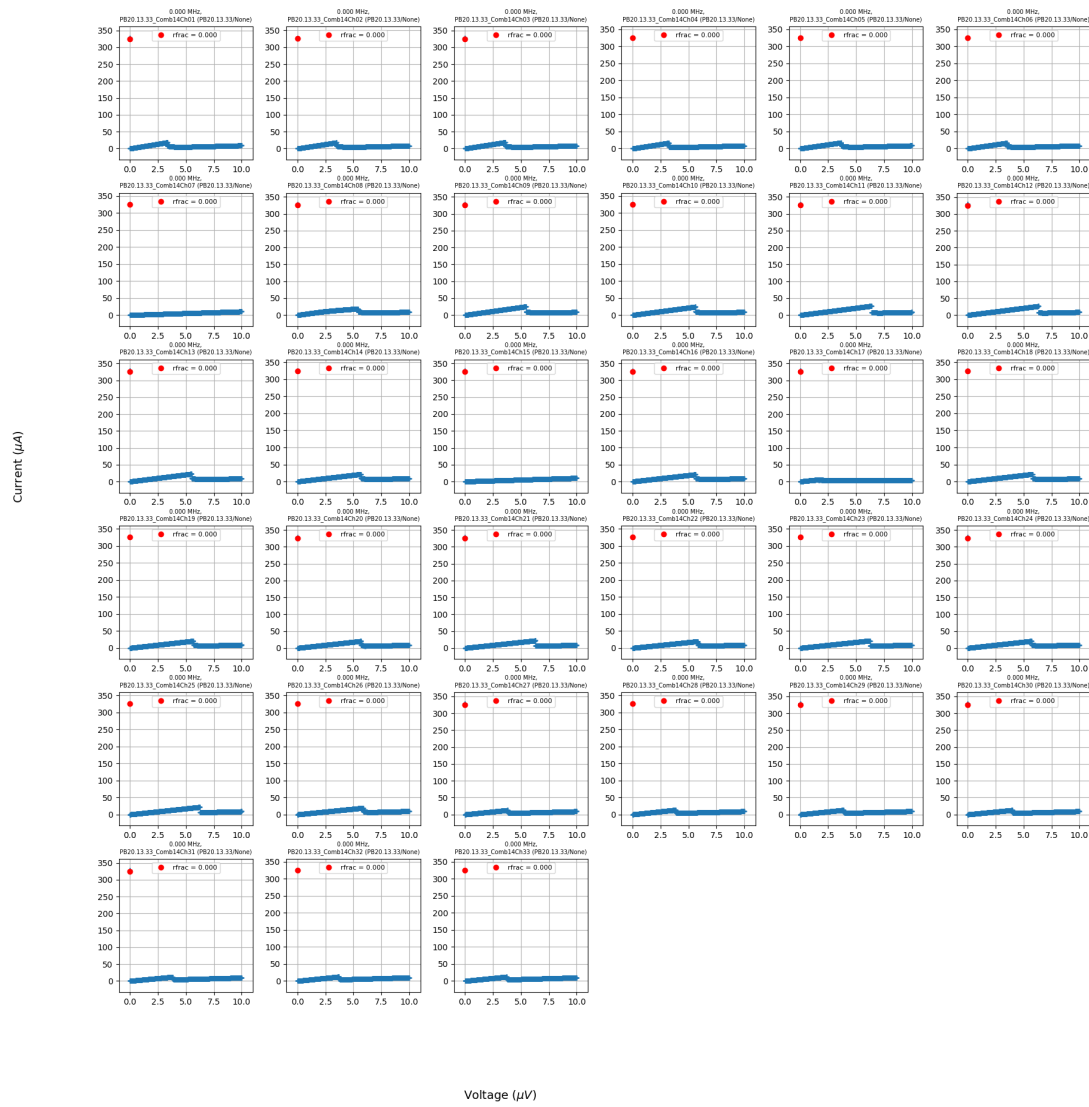| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	33
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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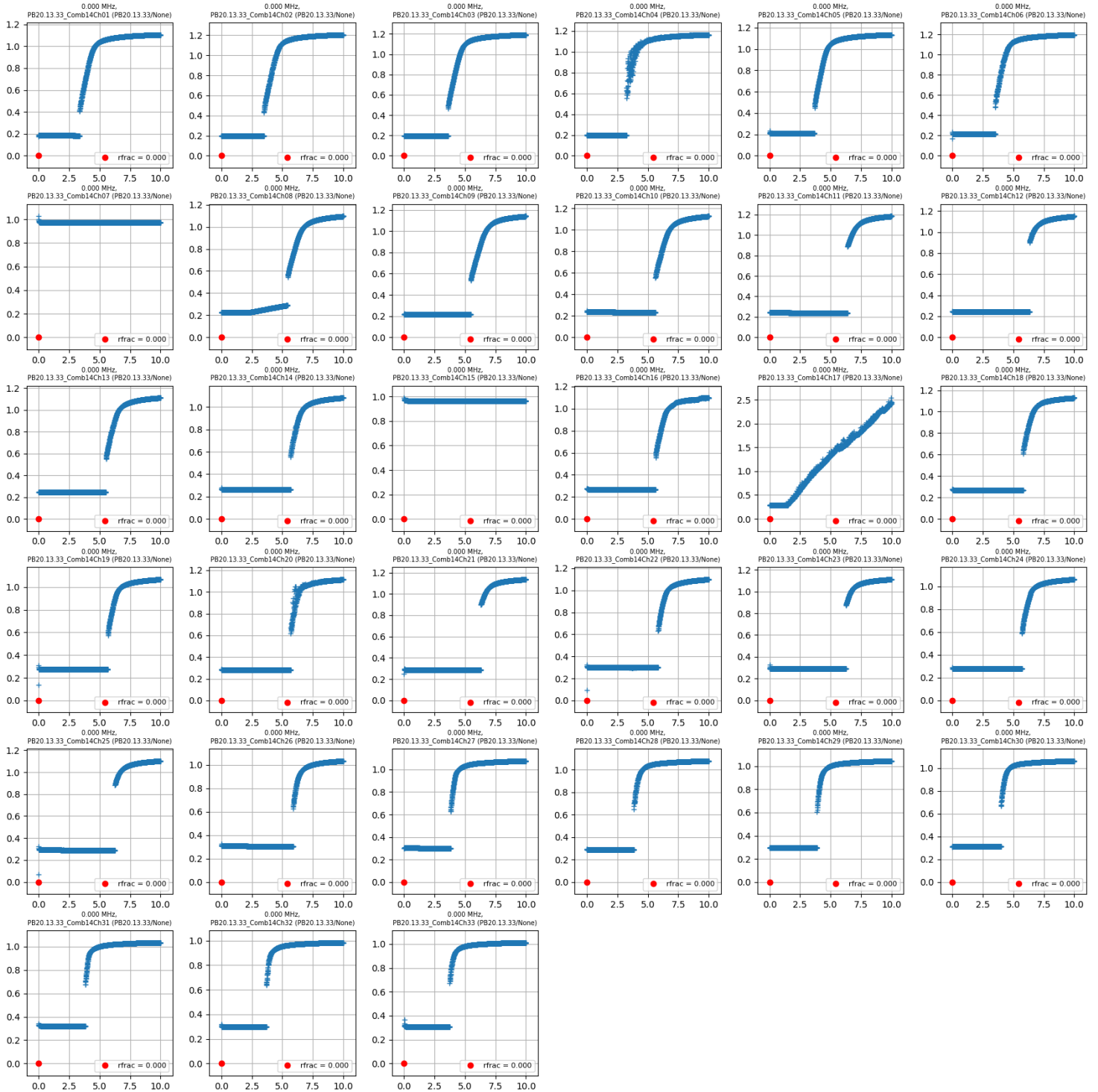
To convert Power values to RMS, divide by 2.

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

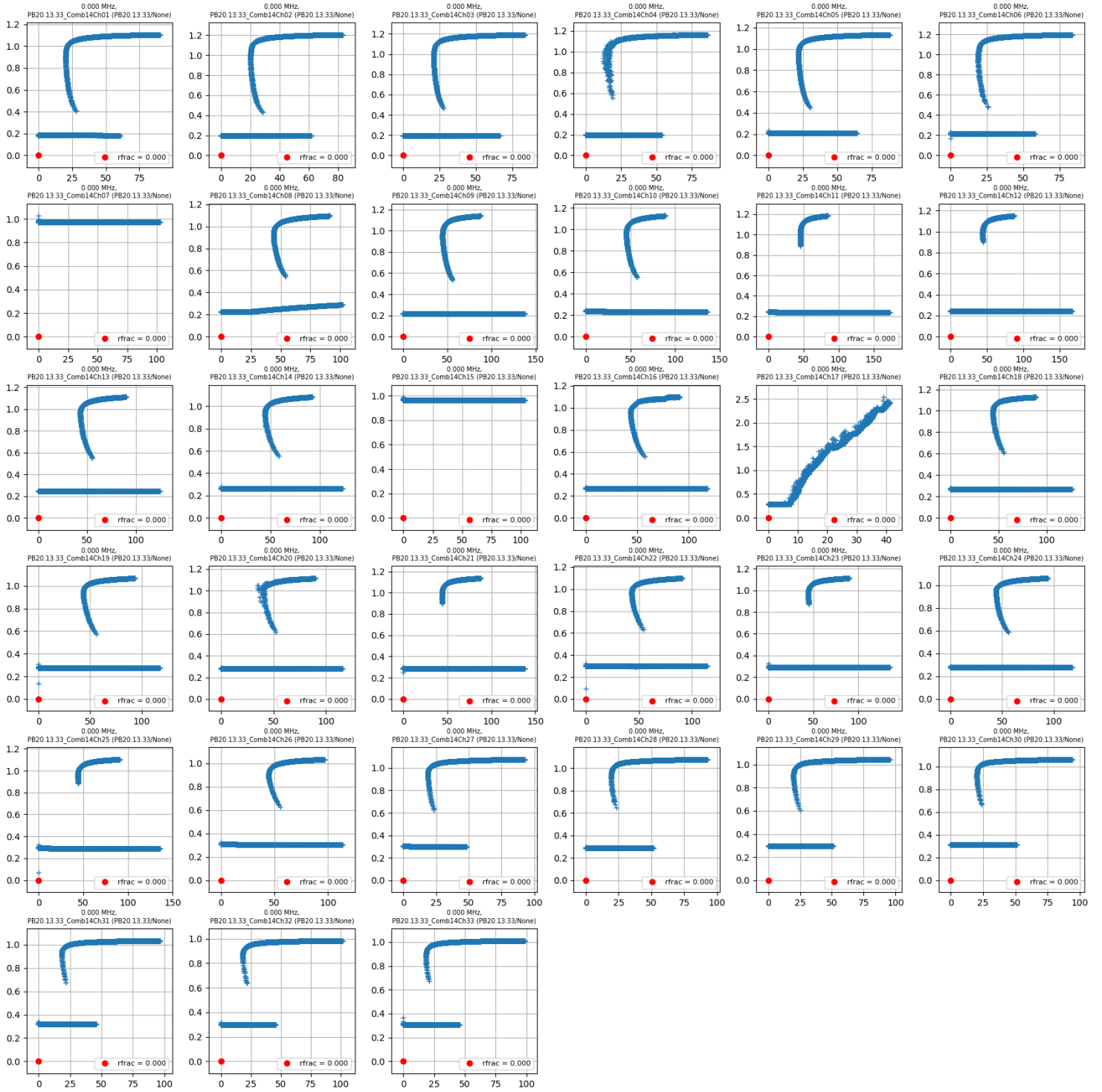# Plots

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	PB20.13.33 _Comb14C h01	PB20.13.33/ None	1564025.88 356	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33 _Comb14C h02	PB20.13.33/ None	1614303.59 352	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33 _Comb14C h03	PB20.13.33/ None	1712493.90 114	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33 _Comb14C h04	PB20.13.33/ None	1809616.09 352	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33 _Comb14C h05	PB20.13.33/ None	1856384.28 2	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33 _Comb14C h06	PB20.13.33/ None	1917800.90 798	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33 _Comb14C h07	PB20.13.33/ None	2034835.82 009	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33 _Comb14C h08	PB20.13.33/ None	2081604.00 856	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33 _Comb14C h09	PB20.13.33/ None	2139434.81 911	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33 _Comb14C h10	PB20.13.33/ None	2195510.86 891	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33 _Comb14C h11	PB20.13.33/ None	2258300.78 591	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33 _Comb14C h12	PB20.13.33/ None	2372741.70 388	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33 _Comb14C h13	PB20.13.33/ None	2453613.28 591	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33 _Comb14C h14	PB20.13.33/ None	2561950.68 825	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb14Ch15	PB20.13.33/None	2654953.00759	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb14Ch16	PB20.13.33/None	2715606.69411	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb14Ch17	PB20.13.33/None	2762832.64626	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb14Ch18	PB20.13.33/None	2836685.18532	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33_Comb14Ch19	PB20.13.33/None	2937316.89919	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb14Ch20	PB20.13.33/None	3007736.21071	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb14Ch21	PB20.13.33/None	3070144.65798	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb14Ch22	PB20.13.33/None	3154983.52516	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb14Ch23	PB20.13.33/None	3230209.35524	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb14Ch24	PB20.13.33/None	3291778.56911	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb14Ch25	PB20.13.33/None	3365554.81423	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb14Ch26	PB20.13.33/None	3472747.80739	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb14Ch27	PB20.13.33/None	3534469.60915	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb14Ch28	PB20.13.33/None	3615722.66091	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb14Ch29	PB20.13.33/None	3695068.36403	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb14Ch30	PB20.13.33/None	3911743.16872	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33 _Comb14C h31	PB20.13.33/ None	4008026.12 77	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33 _Comb14C h32	PB20.13.33/ None	4142303.47 145	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb14C h33	PB20.13.33/ None	4248886.11 306	0.0000	N/A: target amplitude 0	0.0000