

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0422).MGMEZZ04(2,None).ReadoutModule(4)
Reduced target name	IceBoard(0422).Mezz(2).ReadoutModule(4)
Date	Mon Feb 25 17:33:19 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

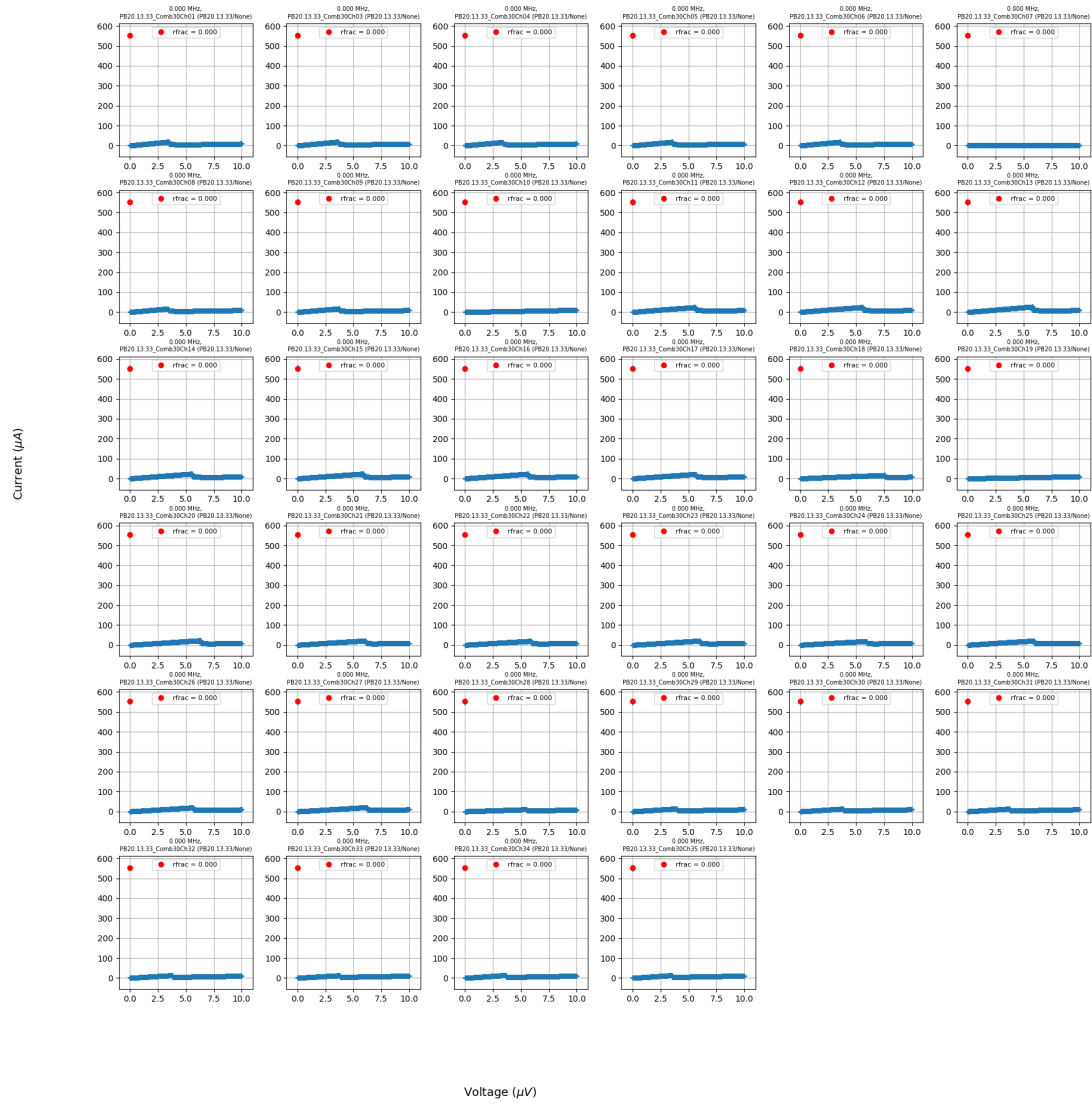
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

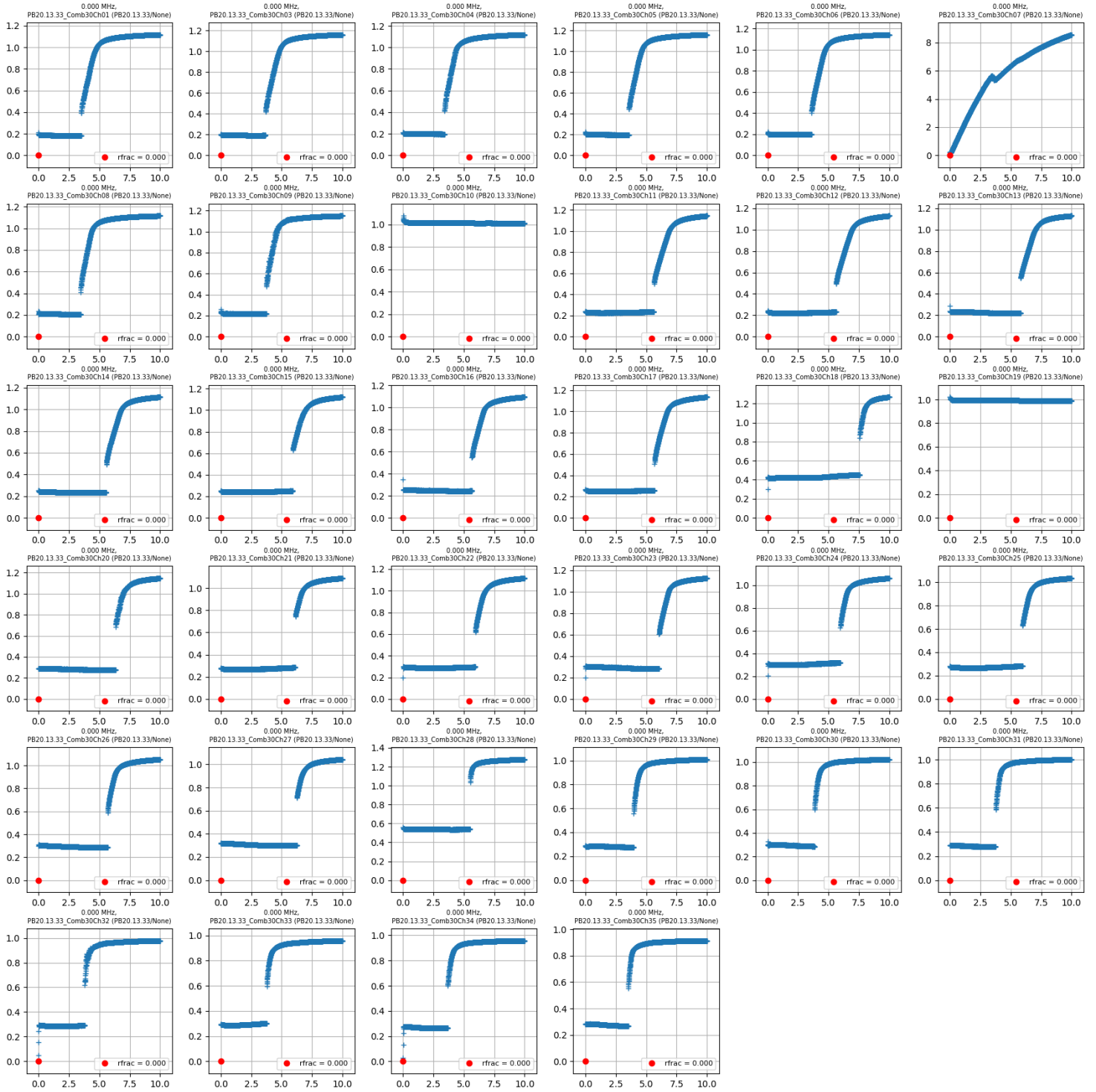
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

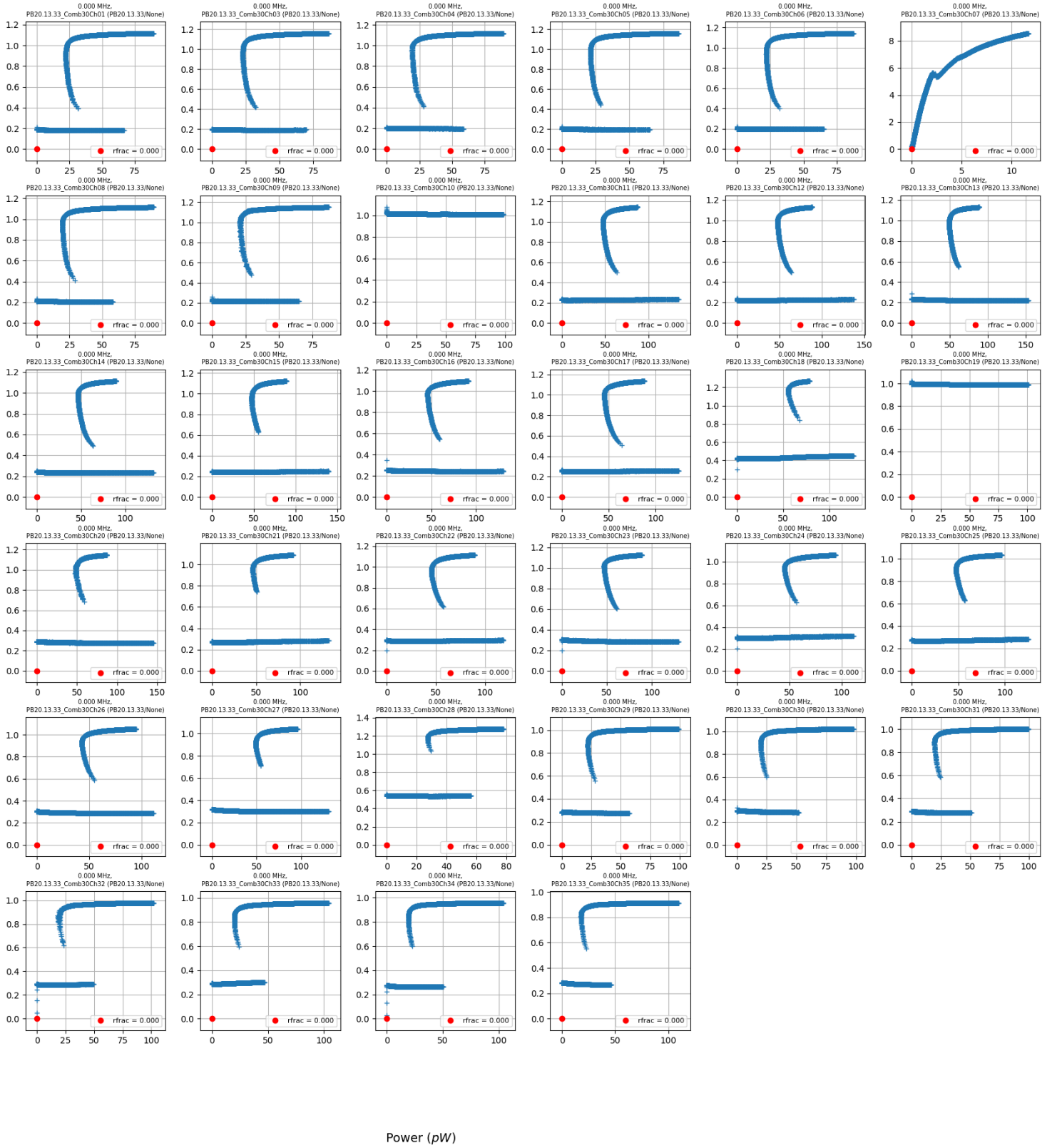


RV Curves for tuned bolometers, final state in red



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	PB20.13.33_Comb30C_h01	PB20.13.33/None	1615600.59059	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb30C_h03	PB20.13.33/None	1713333.13454	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb30C_h04	PB20.13.33/None	1771850.59059	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb30C_h05	PB20.13.33/None	1822662.35817	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb30C_h06	PB20.13.33/None	1872787.48024	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb30C_h07	PB20.13.33/None	1924285.89333	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb30C_h08	PB20.13.33/None	1983795.17067	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb30C_h09	PB20.13.33/None	2033843.9988	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb30C_h10	PB20.13.33/None	2097244.26735	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb30C_h11	PB20.13.33/None	2143630.9861	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb30C_h12	PB20.13.33/None	2204360.96657	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb30C_h13	PB20.13.33/None	2280273.44216	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb30C_h14	PB20.13.33/None	2405090.33669	0.0000	N/A: target amplitude 0	0.0000
15	PB20.13.33_Comb30C_h15	PB20.13.33/None	2444763.18825	0.0000	N/A: target amplitude 0	0.0000

16	PB20.13.33 _Comb30C h16	PB20.13.33/ None	2544250.49 294	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33 _Comb30C h17	PB20.13.33/ None	2579269.41 384	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33 _Comb30C h18	PB20.13.33/ None	2629470.82 985	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33 _Comb30C h19	PB20.13.33/ None	2741012.57 79	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33 _Comb30C h20	PB20.13.33/ None	2812118.53 493	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33 _Comb30C h21	PB20.13.33/ None	2932128.91 091	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33 _Comb30C h22	PB20.13.33/ None	3034820.56 13	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33 _Comb30C h23	PB20.13.33/ None	3118209.84 352	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33 _Comb30C h24	PB20.13.33/ None	3334655.76 638	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33 _Comb30C h25	PB20.13.33/ None	3415908.81 813	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33 _Comb30C h26	PB20.13.33/ None	3476257.32 888	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33 _Comb30C h27	PB20.13.33/ None	3565216.06 911	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33 _Comb30C h28	PB20.13.33/ None	3641662.60 231	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33 _Comb30C h29	PB20.13.33/ None	3740997.31 911	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33 _Comb30C h30	PB20.13.33/ None	3810882.57 302	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.33 _Comb30C h31	PB20.13.33/ None	3959808.35 427	0.0000	N/A: target amplitude 0	0.0000

32	PB20.13.33 _Comb30C h32	PB20.13.33/ None	4143829.35 036	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb30C h33	PB20.13.33/ None	4234771.73 317	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33 _Comb30C h34	PB20.13.33/ None	4277267.46 071	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.33 _Comb30C h35	PB20.13.33/ None	4386520.39 04	0.0000	N/A: target amplitude 0	0.0000