

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0422).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0422).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:27:02 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

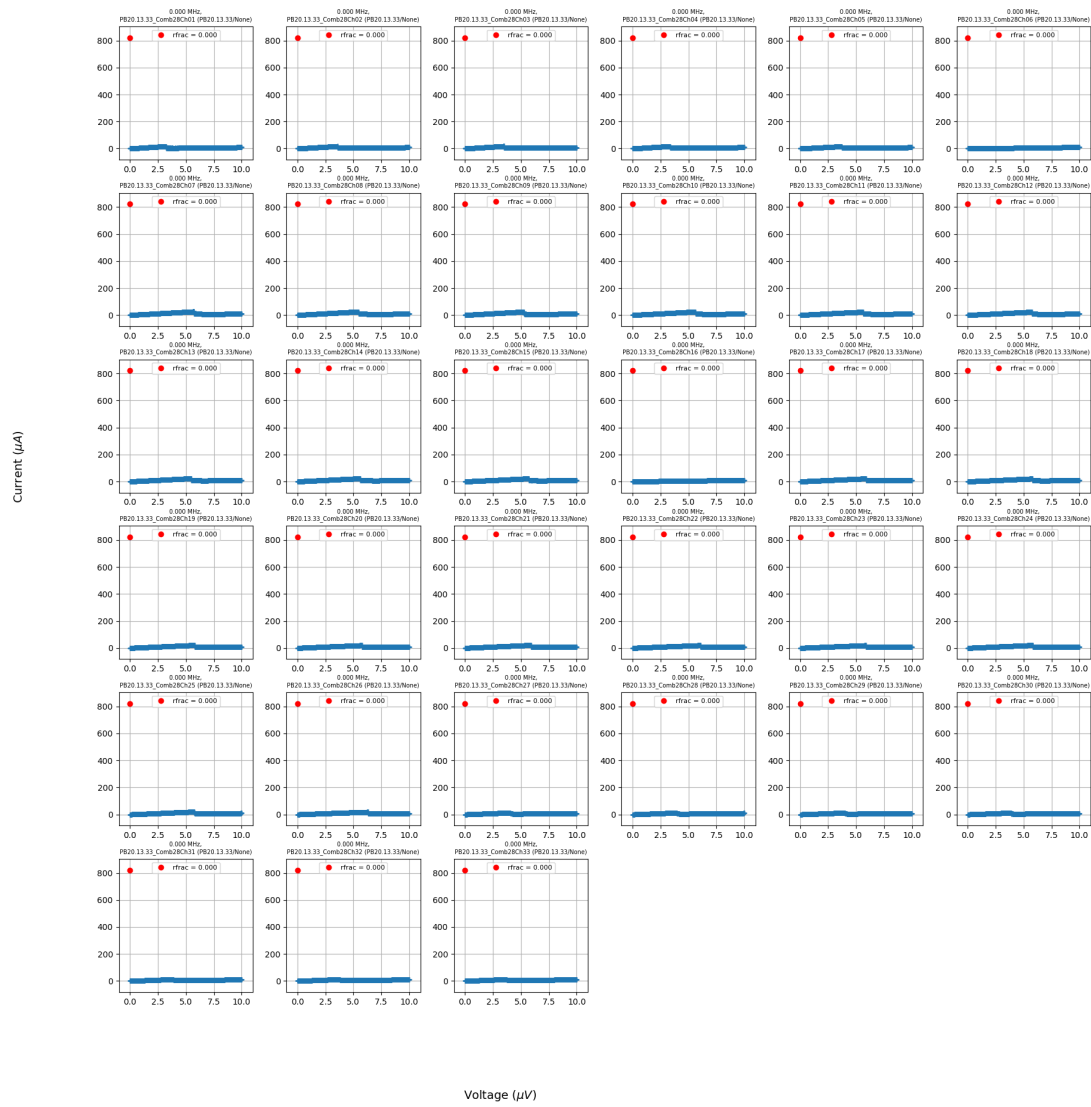
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

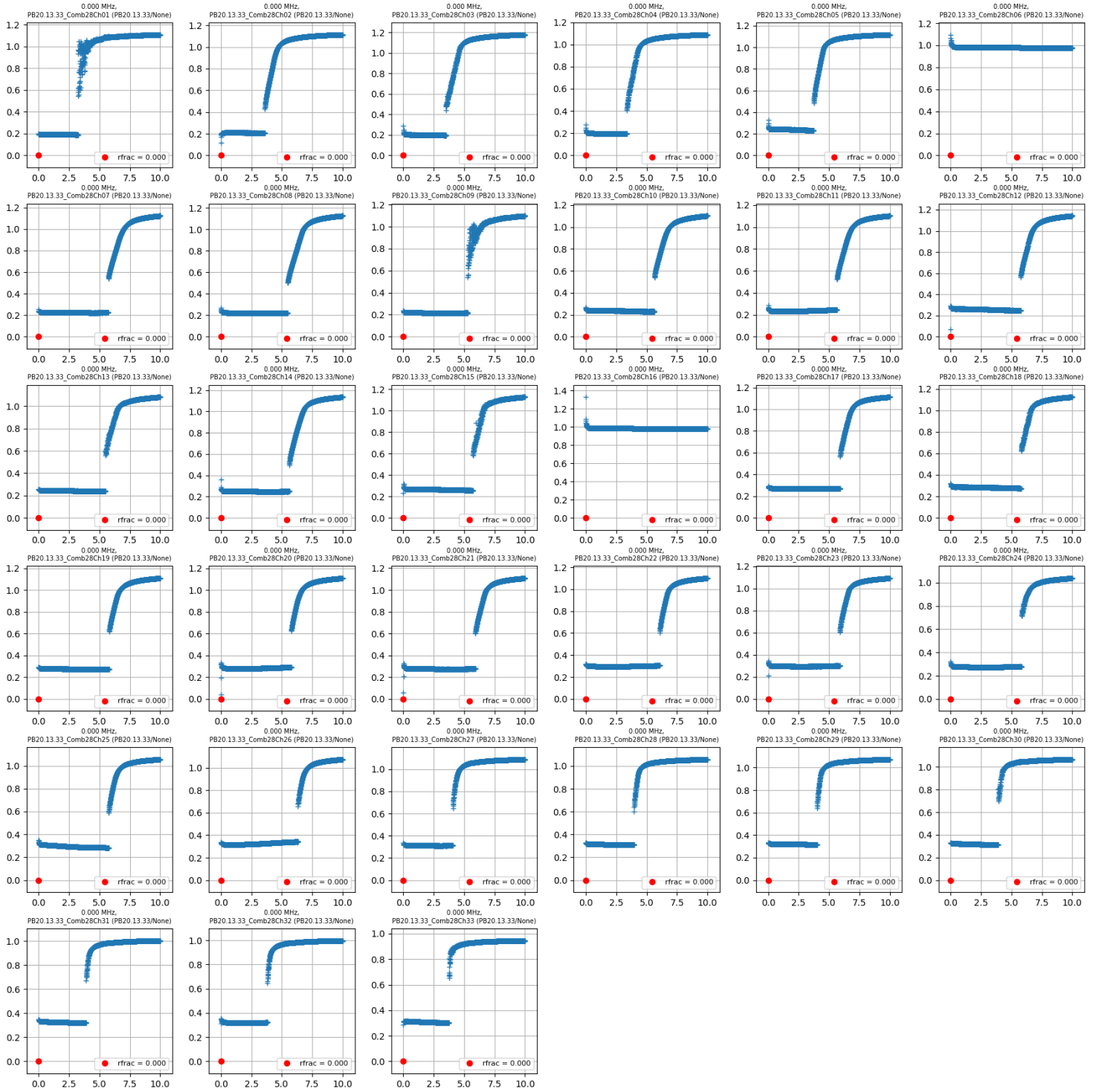
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

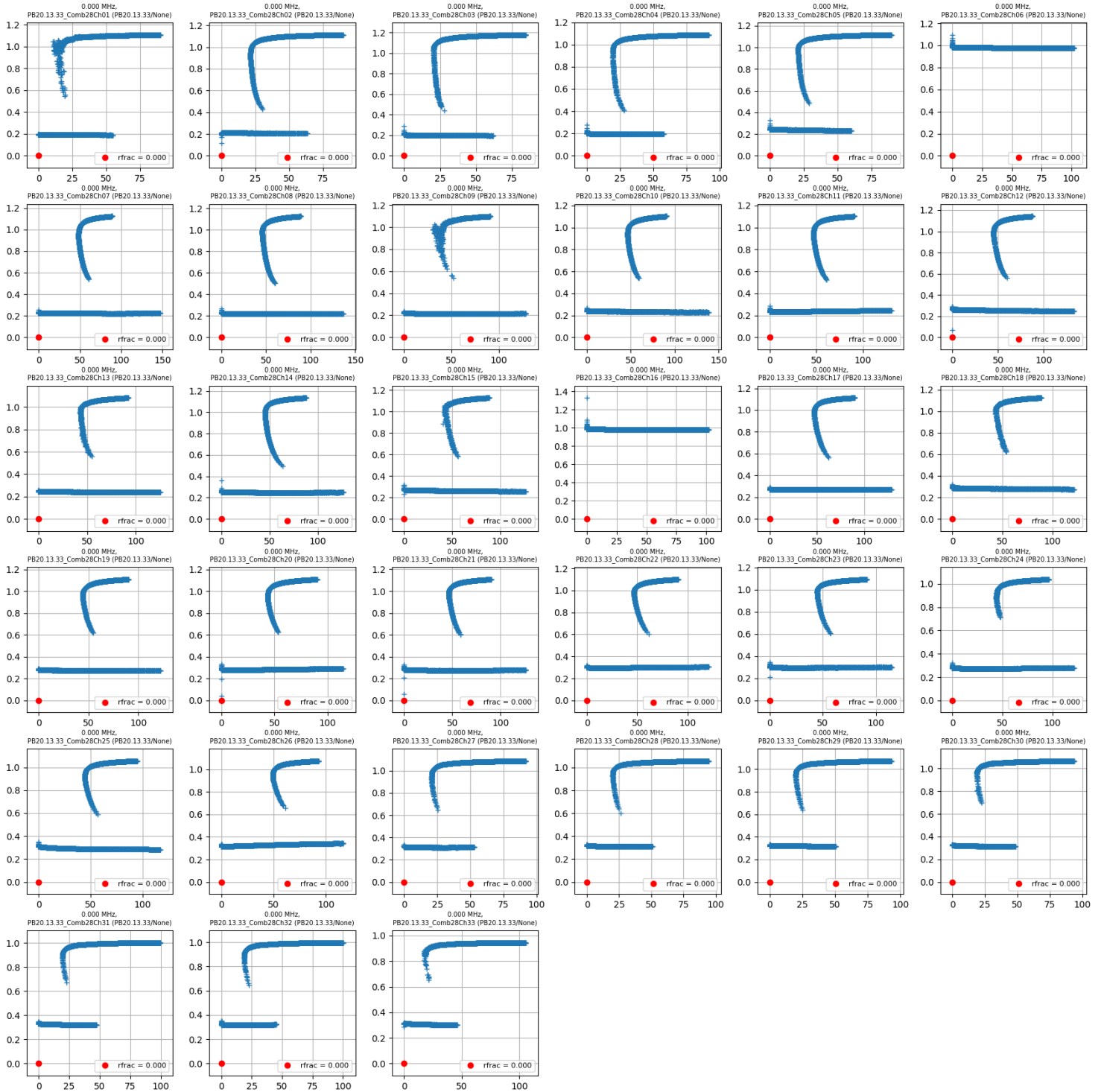


RV Curves for tuned bolometers, final state in red



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_Comb28C h01	PB20.13.33/None	1672973.63747	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb28C h02	PB20.13.33/None	1713638.31032	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb28C h03	PB20.13.33/None	1819915.77614	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb28C h04	PB20.13.33/None	1980285.64919	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb28C h05	PB20.13.33/None	2036132.81716	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb28C h06	PB20.13.33/None	2095260.62477	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb28C h07	PB20.13.33/None	2146606.44997	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb28C h08	PB20.13.33/None	2204513.55446	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb28C h09	PB20.13.33/None	2276687.62673	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb28C h10	PB20.13.33/None	2325668.33962	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb28C h11	PB20.13.33/None	2403869.63356	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb28C h12	PB20.13.33/None	2441711.43044	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb28C h13	PB20.13.33/None	2538833.62282	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb28C h14	PB20.13.33/None	2576828.00759	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33 _Comb28C h15	PB20.13.33/ None	2632522.58 766	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33 _Comb28C h16	PB20.13.33/ None	2737426.76 247	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33 _Comb28C h17	PB20.13.33/ None	2812652.59 255	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33 _Comb28C h18	PB20.13.33/ None	2848510.74 684	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33 _Comb28C h19	PB20.13.33/ None	2930526.73 806	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33 _Comb28C h20	PB20.13.33/ None	3030242.92 458	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33 _Comb28C h21	PB20.13.33/ None	3115158.08 571	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33 _Comb28C h22	PB20.13.33/ None	3250579.83 864	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33 _Comb28C h23	PB20.13.33/ None	3333435.06 325	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33 _Comb28C h24	PB20.13.33/ None	3407974.24 782	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33 _Comb28C h25	PB20.13.33/ None	3472137.45 583	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33 _Comb28C h26	PB20.13.33/ None	3566131.59 645	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33 _Comb28C h27	PB20.13.33/ None	3645782.47 536	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33 _Comb28C h28	PB20.13.33/ None	3738555.91 286	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33 _Comb28C h29	PB20.13.33/ None	3812408.45 192	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33 _Comb28C h30	PB20.13.33/ None	3956604.00 856	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33 _Comb28C h31	PB20.13.33/ None	4231185.91 774	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33 _Comb28C h32	PB20.13.33/ None	4272460.94 216	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb28C h33	PB20.13.33/ None	4382934.57 497	0.0000	N/A: target amplitude 0	0.0000