

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0422).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0422).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:26:05 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

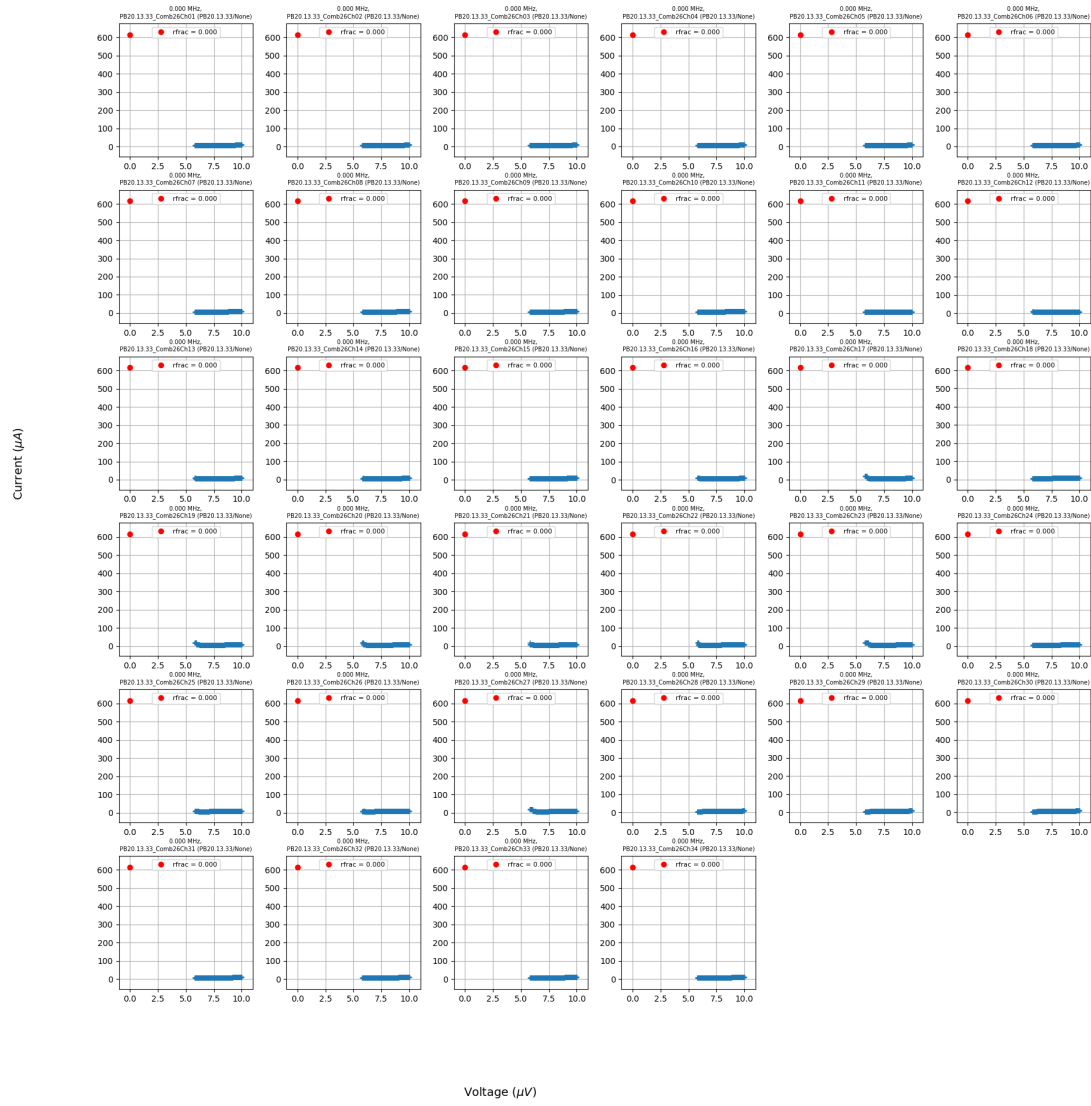
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

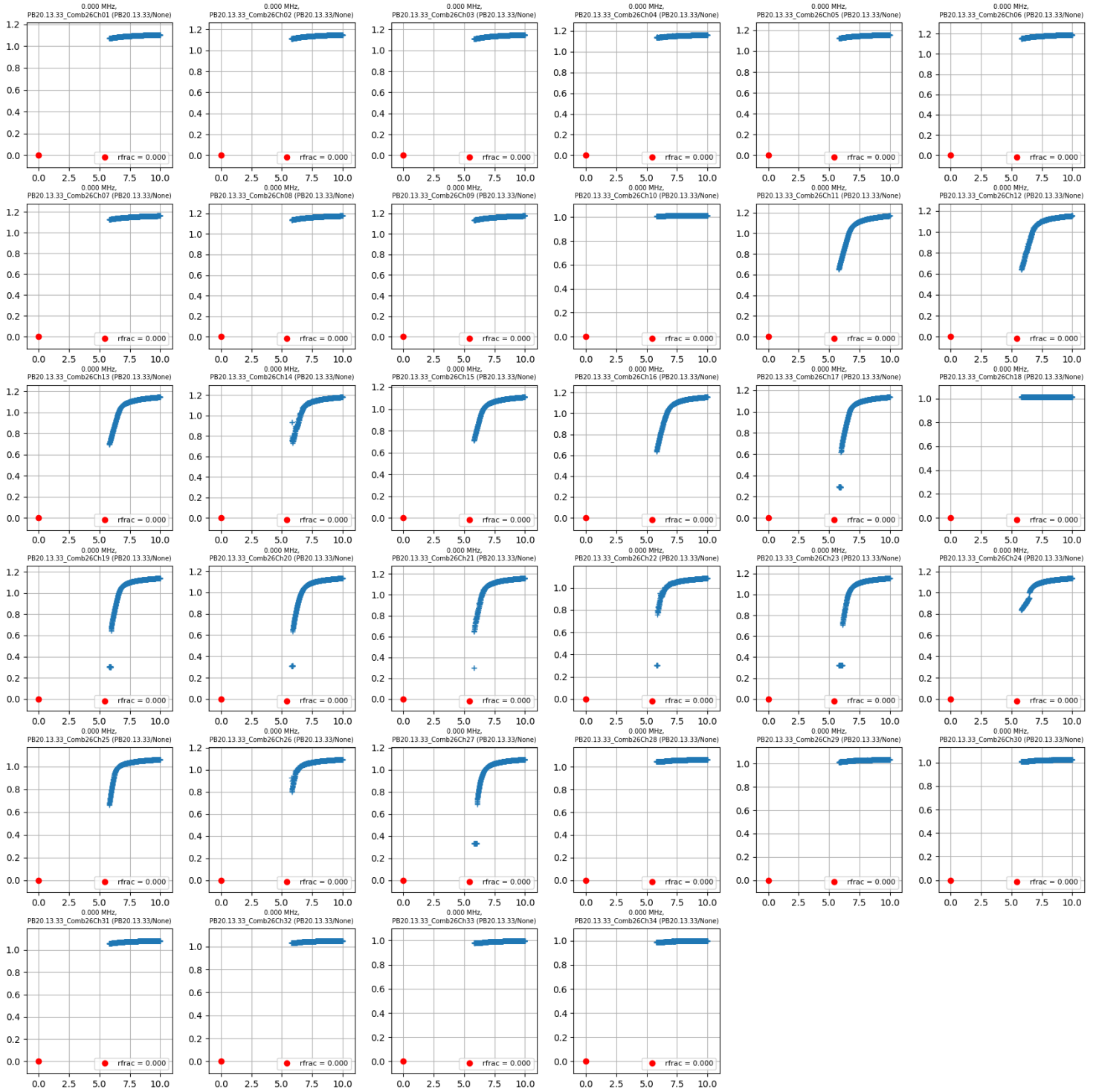
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

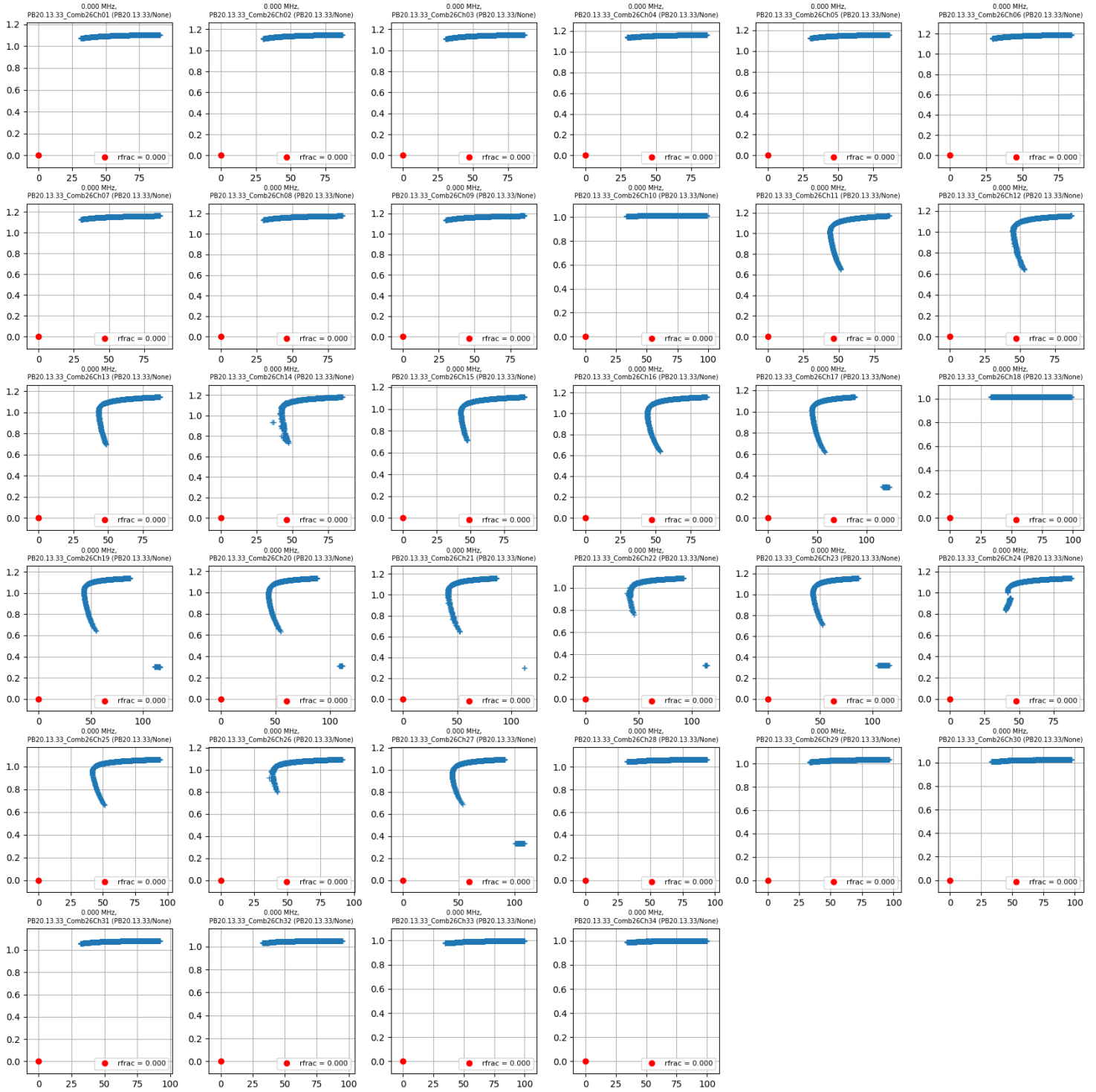


RV Curves for tuned bolometers, final state in red



Voltage (μV)

R-P Curves for tuned bolometers, final state in red



Power (pW)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.33_Comb26C h01	PB20.13.33/None	1615753.17849	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb26C h02	PB20.13.33/None	1672668.46169	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb26C h03	PB20.13.33/None	1715240.48317	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb26C h04	PB20.13.33/None	1775131.23024	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb26C h05	PB20.13.33/None	1826400.76149	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb26C h06	PB20.13.33/None	1873245.24391	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb26C h07	PB20.13.33/None	1925659.18434	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb26C h08	PB20.13.33/None	1985244.75563	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb26C h09	PB20.13.33/None	2031478.88649	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb26C h10	PB20.13.33/None	2104492.19216	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb26C h11	PB20.13.33/None	2141036.99196	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb26C h12	PB20.13.33/None	2206954.96071	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb26C h13	PB20.13.33/None	2276763.92067	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb26C h14	PB20.13.33/None	2407455.44899	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33 _Comb26C h15	PB20.13.33/ None	2538299.56 52	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33 _Comb26C h16	PB20.13.33/ None	2582092.28 981	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33 _Comb26C h17	PB20.13.33/ None	2646331.79 177	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33 _Comb26C h18	PB20.13.33/ None	2749862.67 556	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33 _Comb26C h19	PB20.13.33/ None	2814331.05 934	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33 _Comb26C h20	PB20.13.33/ None	2858352.66 579	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33 _Comb26C h21	PB20.13.33/ None	2928543.09 548	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33 _Comb26C h22	PB20.13.33/ None	3123779.30 153	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33 _Comb26C h23	PB20.13.33/ None	3180084.23 317	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33 _Comb26C h24	PB20.13.33/ None	3260650.63 942	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33 _Comb26C h25	PB20.13.33/ None	3410263.06 618	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33 _Comb26C h26	PB20.13.33/ None	3479843.14 431	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33 _Comb26C h27	PB20.13.33/ None	3593063.35 915	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33 _Comb26C h28	PB20.13.33/ None	3739700.32 204	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33 _Comb26C h29	PB20.13.33/ None	3821716.31 325	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33 _Comb26C h30	PB20.13.33/ None	3968658.45 192	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33 _Comb26C h31	PB20.13.33/ None	4038772.58 766	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33 _Comb26C h32	PB20.13.33/ None	4149169.92 653	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb26C h33	PB20.13.33/ None	4277496.34 255	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33 _Comb26C h34	PB20.13.33/ None	4385833.74 489	0.0000	N/A: target amplitude 0	0.0000