

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0414).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0414).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:29:40 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	32
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

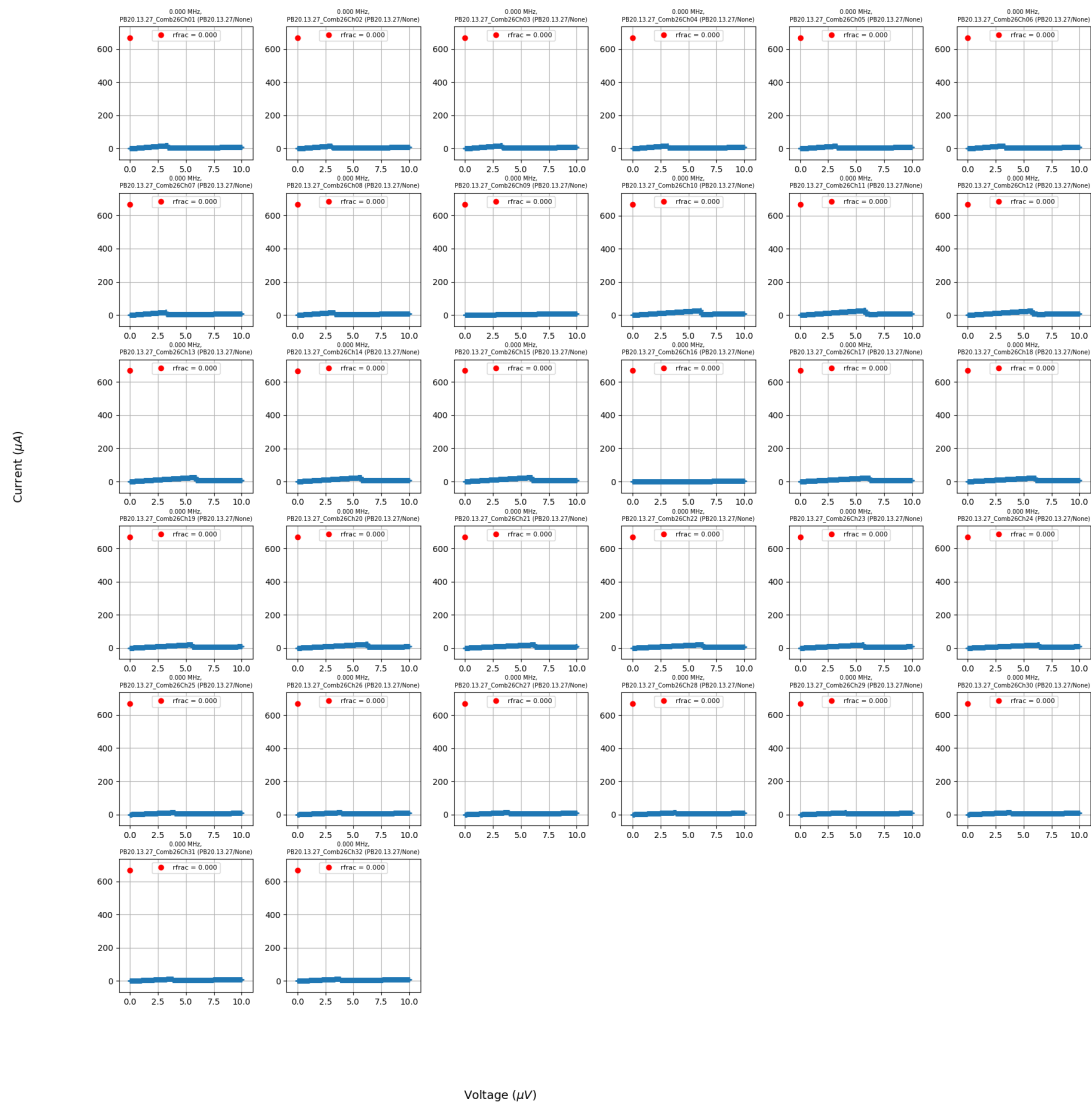
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

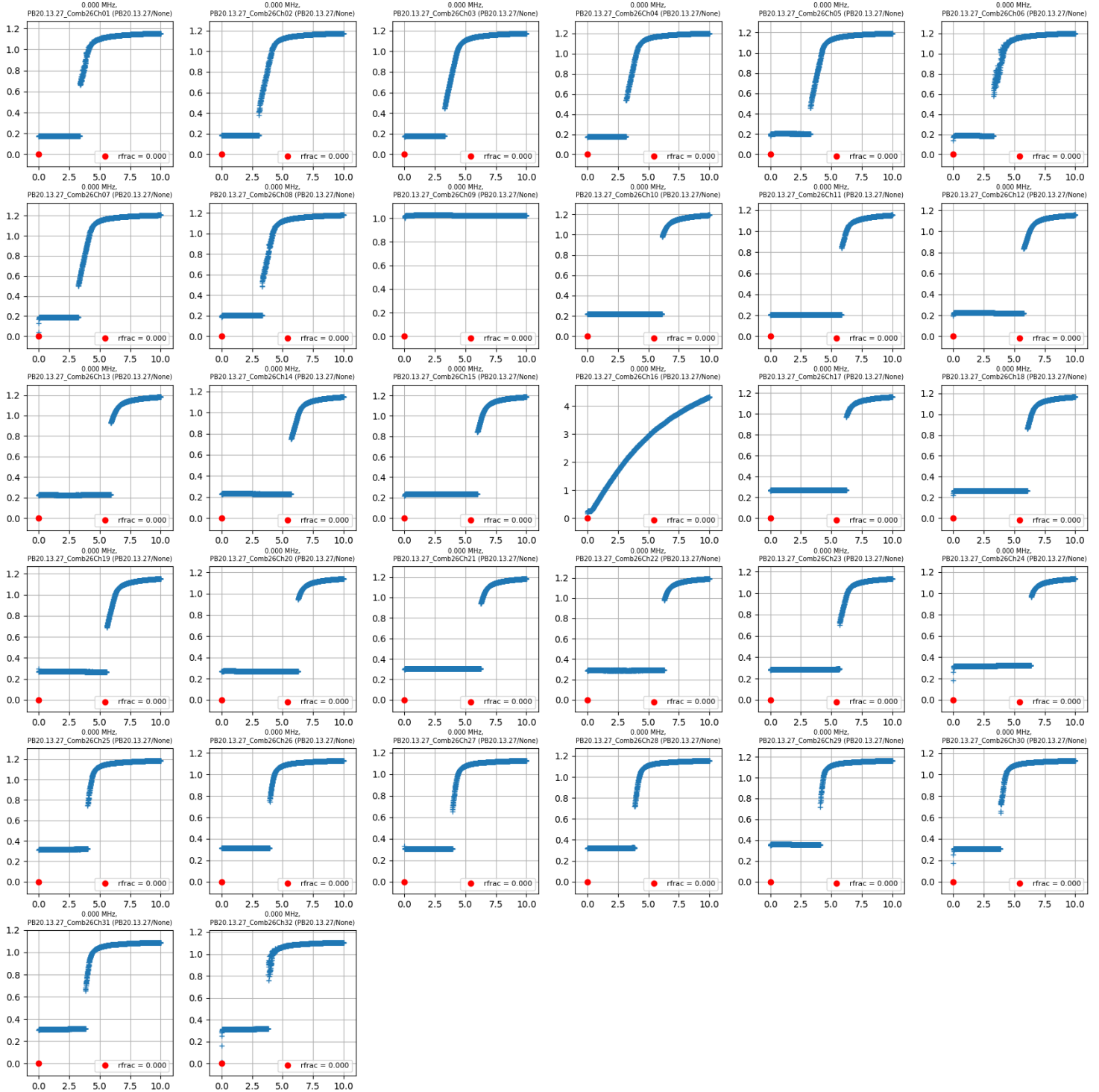
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

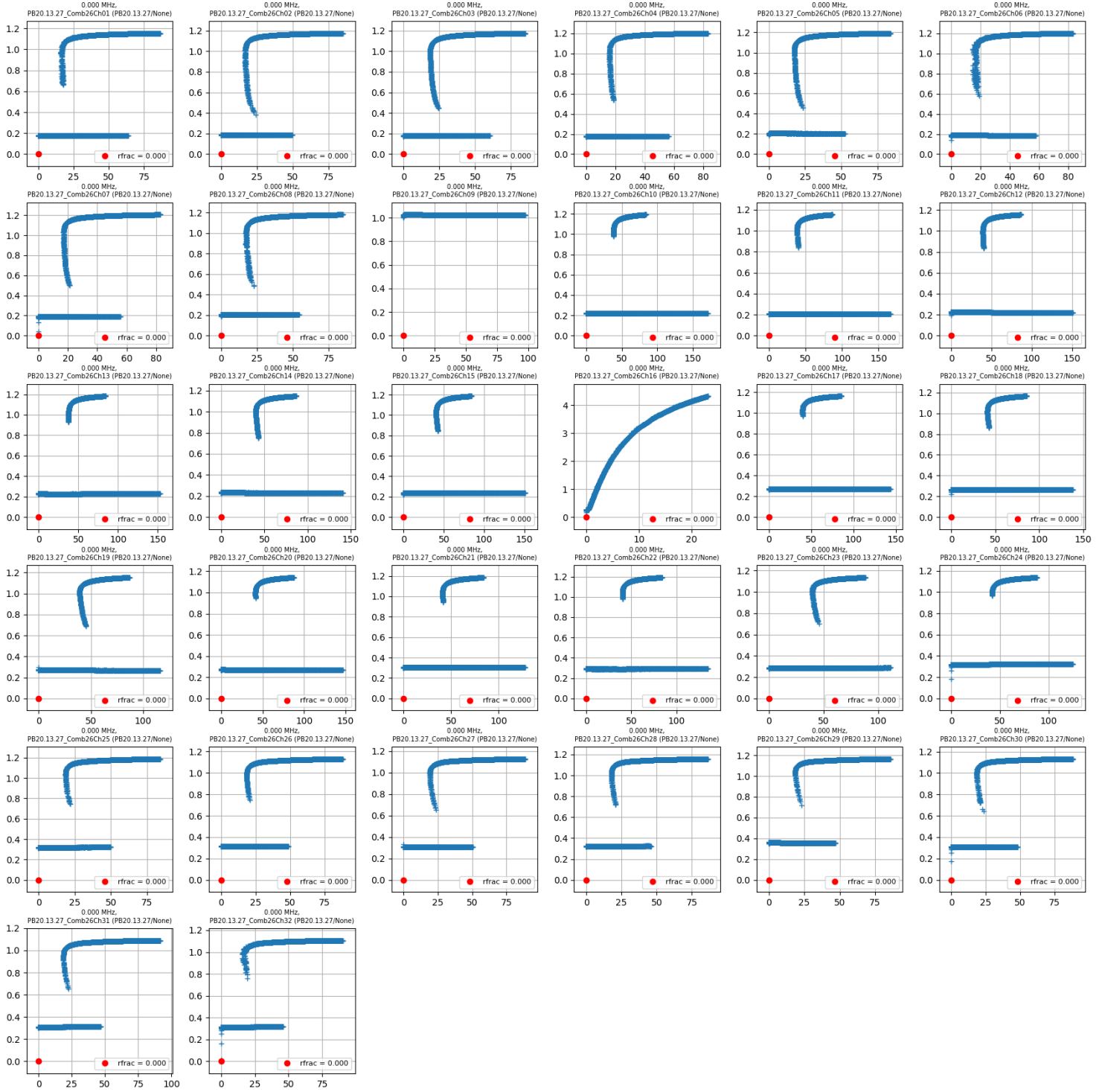


RV Curves for tuned bolometers, final state in red



Voltage (μ V)

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	PB20.13.27_Comb26C h01	PB20.13.27/None	1611480.71755	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb26C h02	PB20.13.27/None	1664123.53981	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb26C h03	PB20.13.27/None	1710586.55251	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb26C h04	PB20.13.27/None	1768569.95095	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb26C h05	PB20.13.27/None	1816711.43044	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb26C h06	PB20.13.27/None	1867218.02224	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb26C h07	PB20.13.27/None	1910400.39528	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb26C h08	PB20.13.27/None	2030410.77126	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb26C h09	PB20.13.27/None	2098541.26442	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb26C h10	PB20.13.27/None	2144393.92556	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb26C h11	PB20.13.27/None	2257690.43434	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb26C h12	PB20.13.27/None	2393569.95095	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb26C h13	PB20.13.27/None	2441558.84255	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb26C h14	PB20.13.27/None	2526321.41579	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb26C h15	PB20.13.27/ None	2574768.07 106	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb26C h16	PB20.13.27/ None	2630844.12 087	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb26C h17	PB20.13.27/ None	2798233.03 688	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb26C h18	PB20.13.27/ None	2838668.82 79	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb26C h19	PB20.13.27/ None	3022232.06 032	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb26C h20	PB20.13.27/ None	3101043.70 583	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb26C h21	PB20.13.27/ None	3249282.84 157	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb26C h22	PB20.13.27/ None	3322982.79 274	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27 _Comb26C h23	PB20.13.27/ None	3388977.05 544	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27 _Comb26C h24	PB20.13.27/ None	3575744.63 356	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27 _Comb26C h25	PB20.13.27/ None	3631744.38 942	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27 _Comb26C h26	PB20.13.27/ None	3802871.70 876	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27 _Comb26C h27	PB20.13.27/ None	3941040.04 372	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27 _Comb26C h28	PB20.13.27/ None	4032211.30 837	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27 _Comb26C h29	PB20.13.27/ None	4125061.03 981	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27 _Comb26C h30	PB20.13.27/ None	4217529.30 153	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27 _Comb26C h31	PB20.13.27/ None	4266815.19 02	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27 _Comb26C h32	PB20.13.27/ None	4362792.97 341	0.0000	N/A: target amplitude 0	0.0000