

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0416).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0416).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:23:39 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	22
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

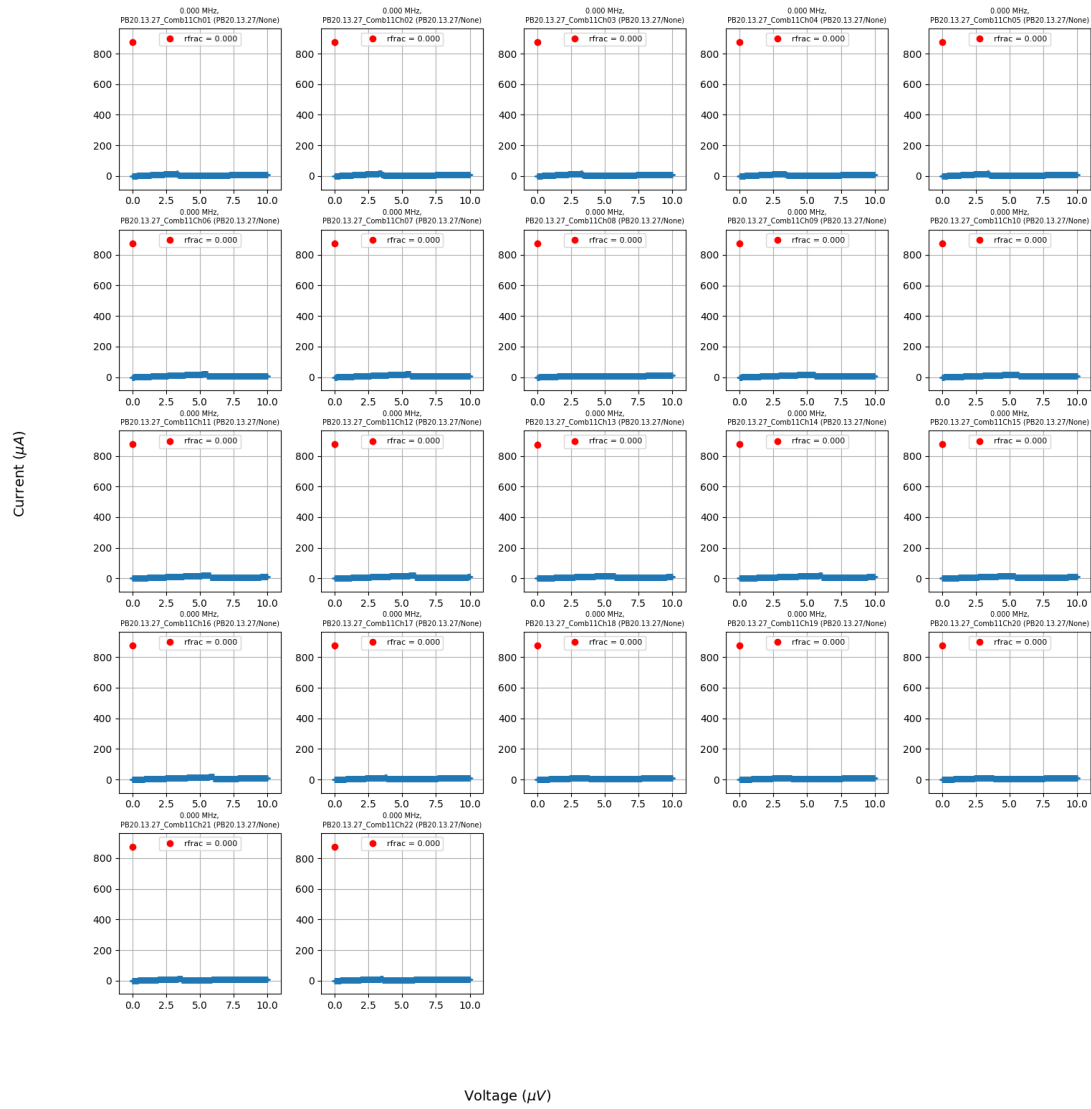
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

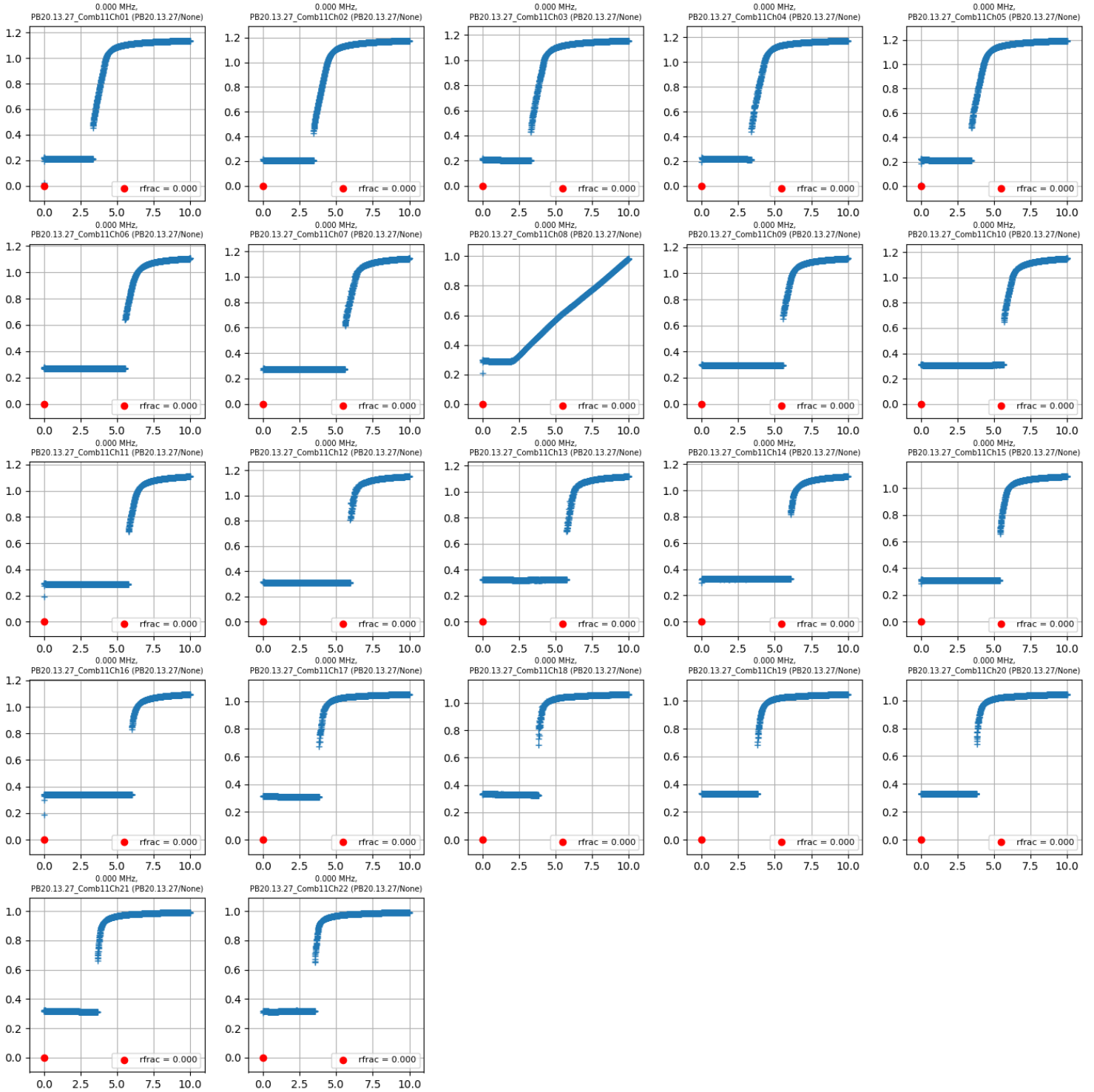
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

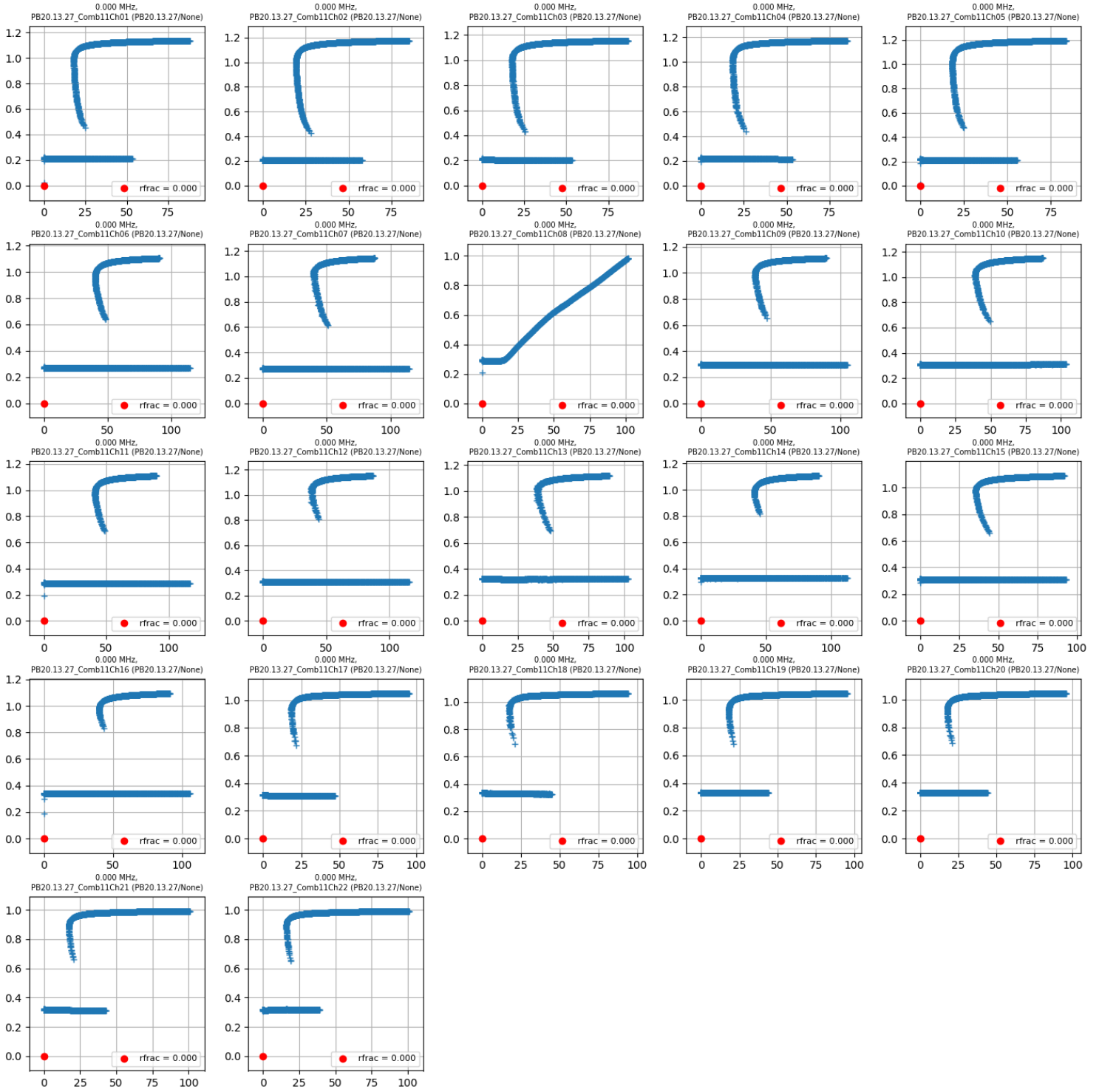


RV Curves for tuned bolometers, final state in red



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	PB20.13.27_Comb11C h01	PB20.13.27/None	1660537.72438	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb11C h02	PB20.13.27/None	1705932.62184	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb11C h03	PB20.13.27/None	1814651.49391	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb11C h04	PB20.13.27/None	1872329.71657	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb11C h05	PB20.13.27/None	1912841.80153	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb11C h06	PB20.13.27/None	2593612.67556	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb11C h07	PB20.13.27/None	2635498.05153	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb11C h08	PB20.13.27/None	2702102.66579	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb11C h09	PB20.13.27/None	2876510.62477	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb11C h10	PB20.13.27/None	2918701.17653	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb11C h11	PB20.13.27/None	2987899.78493	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb11C h12	PB20.13.27/None	3107833.86696	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb11C h13	PB20.13.27/None	3328475.95681	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb11C h14	PB20.13.27/None	3404922.49001	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27 _Comb11C h15	PB20.13.27/ None	3471450.81 032	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27 _Comb11C h16	PB20.13.27/ None	3658905.03 395	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27 _Comb11C h17	PB20.13.27/ None	3809432.98 806	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27 _Comb11C h18	PB20.13.27/ None	3885955.81 52	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27 _Comb11C h19	PB20.13.27/ None	4042282.10 915	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27 _Comb11C h20	PB20.13.27/ None	4127426.15 212	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27 _Comb11C h21	PB20.13.27/ None	4313812.26 052	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27 _Comb11C h22	PB20.13.27/ None	4369812.01 637	0.0000	N/A: target amplitude 0	0.0000