

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0401).MGMEZZ04(2,None).ReadoutModule(3)
Reduced target name	IceBoard(0401).Mezz(2).ReadoutModule(3)
Date	Mon Feb 25 17:26:33 2019
HWM used	190221_run17b_hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	36
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

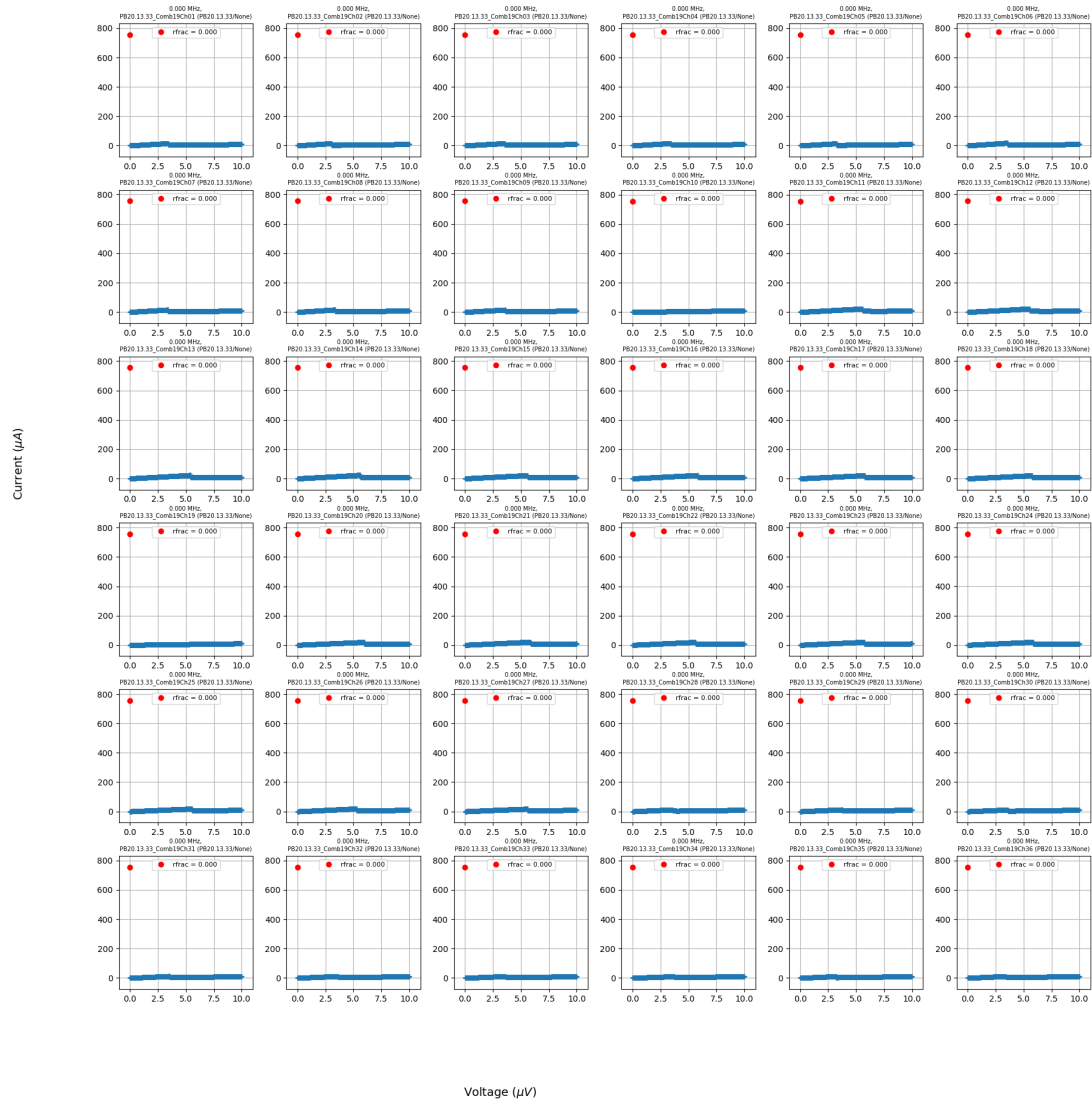
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

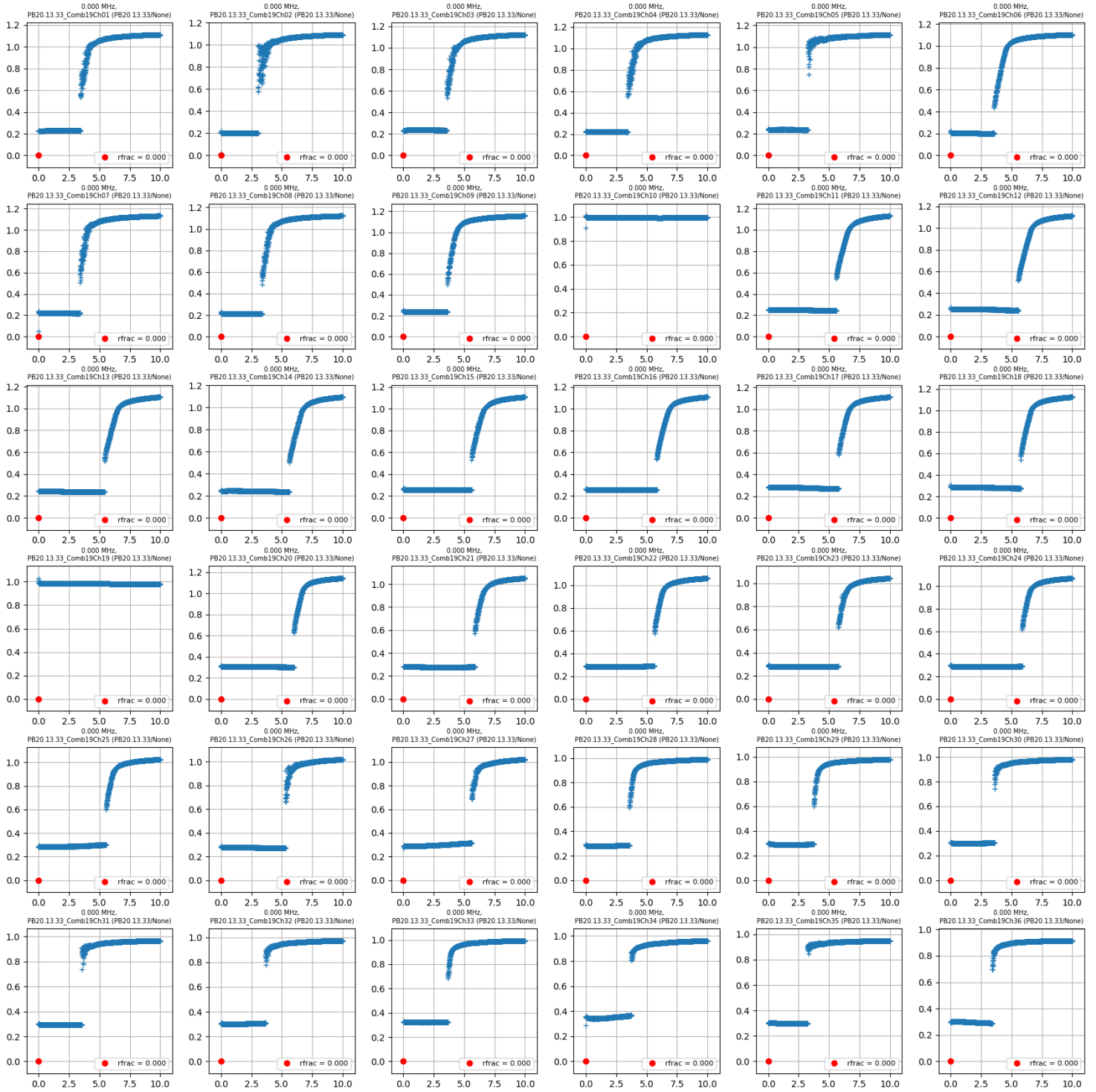
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

IV Curves for tuned bolometers, final state in red

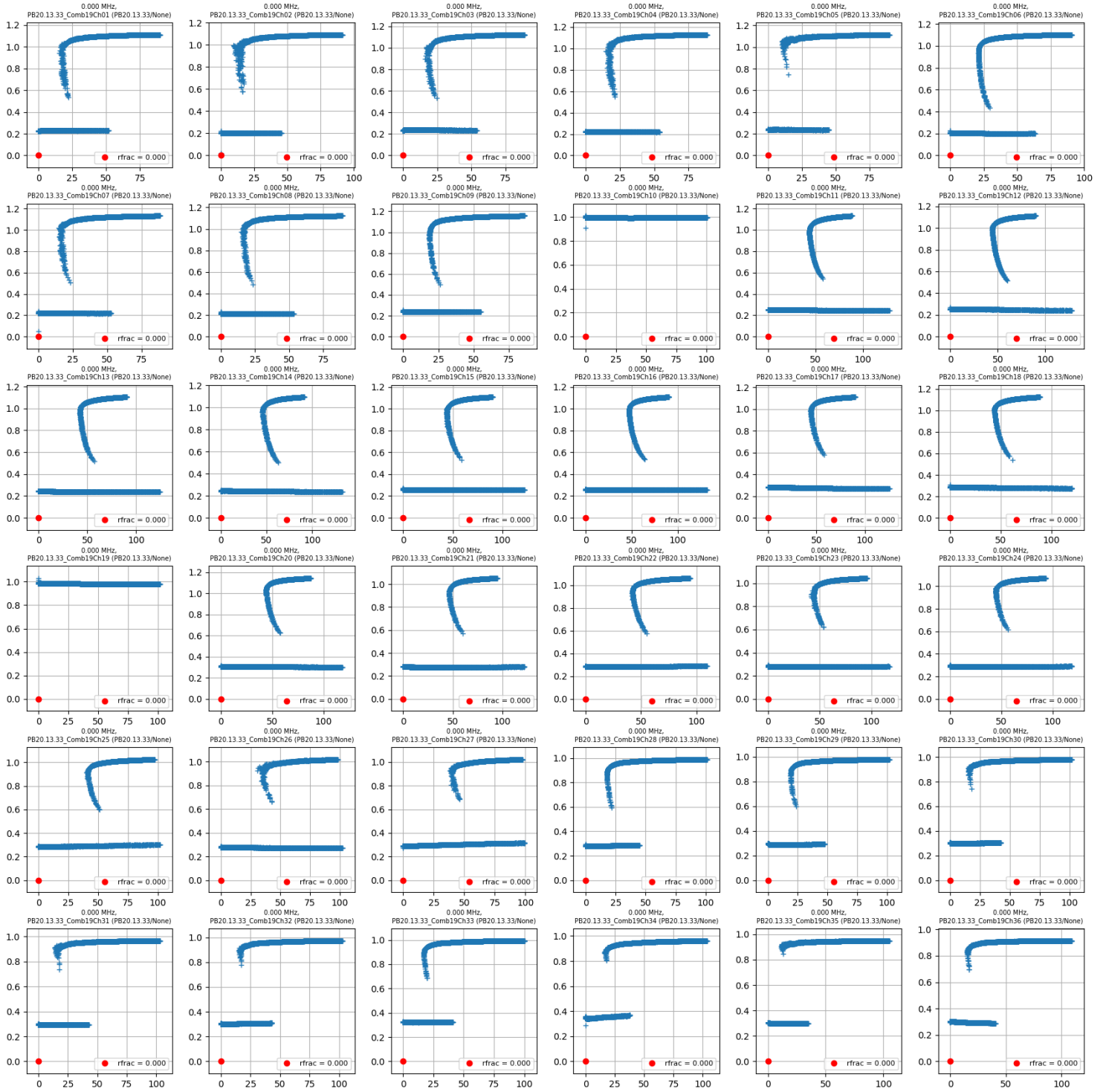


RV Curves for tuned bolometers, final state in red



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_Comb19C_h01	PB20.13.33/None	1608886.72341	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb19C_h02	PB20.13.33/None	1661453.25173	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb19C_h03	PB20.13.33/None	1706085.20974	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb19C_h04	PB20.13.33/None	1760177.61696	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb19C_h05	PB20.13.33/None	1810150.15114	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb19C_h06	PB20.13.33/None	1862640.38552	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb19C_h07	PB20.13.33/None	1911392.21657	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb19C_h08	PB20.13.33/None	1968154.91188	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb19C_h09	PB20.13.33/None	2026519.78005	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb19C_h10	PB20.13.33/None	2089767.46071	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb19C_h11	PB20.13.33/None	2139739.99489	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb19C_h12	PB20.13.33/None	2195892.33864	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb19C_h13	PB20.13.33/None	2256088.26149	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb19C_h14	PB20.13.33/None	2316207.8904	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33 _Comb19C h15	PB20.13.33/ None	2389755.25 368	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33 _Comb19C h16	PB20.13.33/ None	2437896.73 317	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33 _Comb19C h17	PB20.13.33/ None	2518692.02 126	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33 _Comb19C h18	PB20.13.33/ None	2562942.50 954	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.33 _Comb19C h19	PB20.13.33/ None	2725448.61 306	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33 _Comb19C h20	PB20.13.33/ None	2799682.62 184	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33 _Comb19C h21	PB20.13.33/ None	2910842.90 016	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33 _Comb19C h22	PB20.13.33/ None	3009643.55 934	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33 _Comb19C h23	PB20.13.33/ None	3095169.07 204	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33 _Comb19C h24	PB20.13.33/ None	3163070.68 337	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33 _Comb19C h25	PB20.13.33/ None	3323287.96 852	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33 _Comb19C h26	PB20.13.33/ None	3381881.71 852	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33 _Comb19C h27	PB20.13.33/ None	3451919.56 032	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33 _Comb19C h28	PB20.13.33/ None	3633499.15 016	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33 _Comb19C h29	PB20.13.33/ None	3716354.37 477	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33 _Comb19C h30	PB20.13.33/ None	3798828.12 966	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.33 _Comb19C h31	PB20.13.33/ None	3932800.29 763	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.33 _Comb19C h32	PB20.13.33/ None	4012451.17 653	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33 _Comb19C h33	PB20.13.33/ None	4122238.16 384	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.33 _Comb19C h34	PB20.13.33/ None	4217605.59 548	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.33 _Comb19C h35	PB20.13.33/ None	4252090.45 876	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.33 _Comb19C h36	PB20.13.33/ None	4351959.23 317	0.0000	N/A: target amplitude 0	0.0000