Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0439).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0439).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:22:58 2019
HWM used	190221_run17b_hwm
Outcome	success

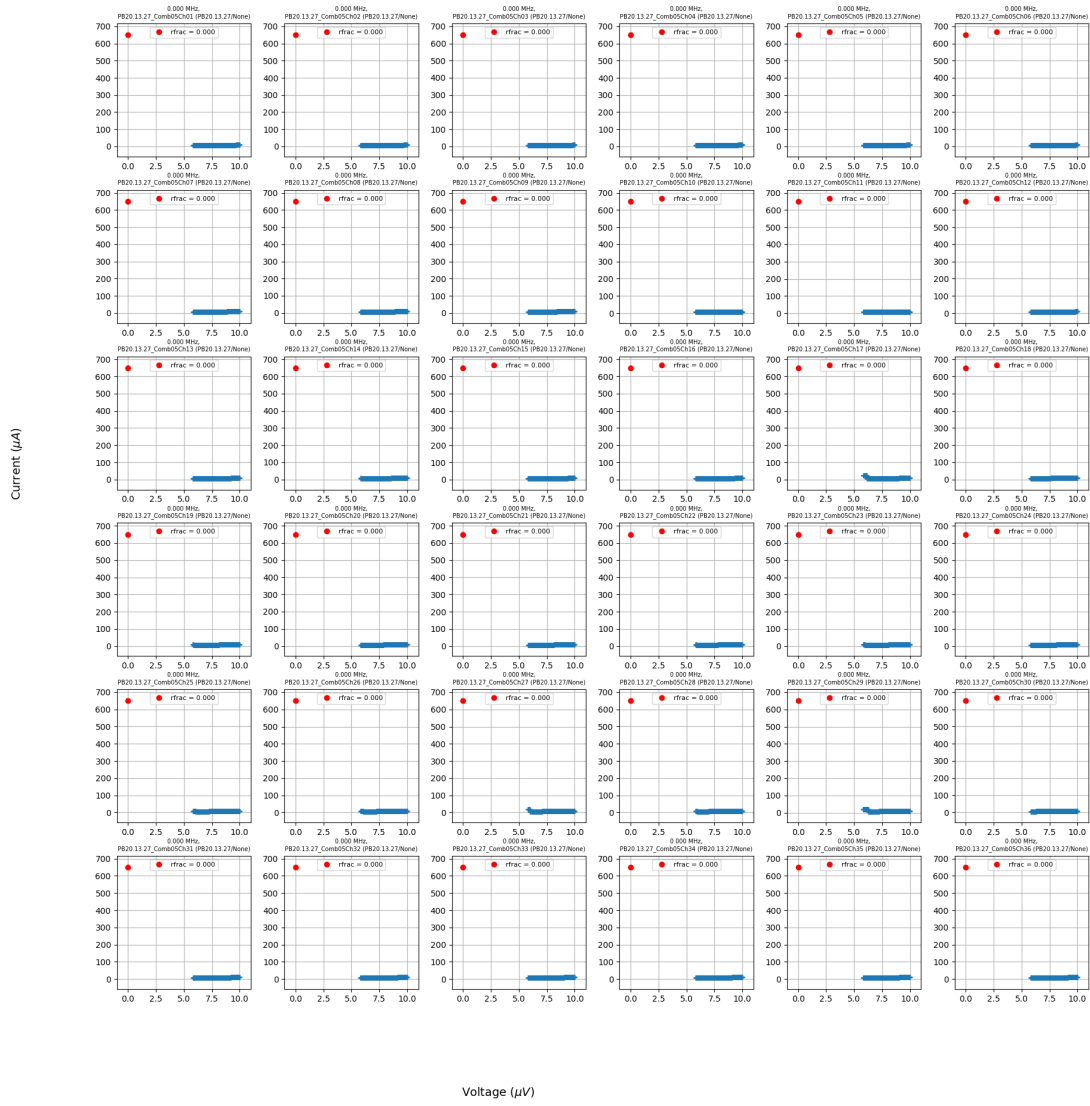| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	36
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.
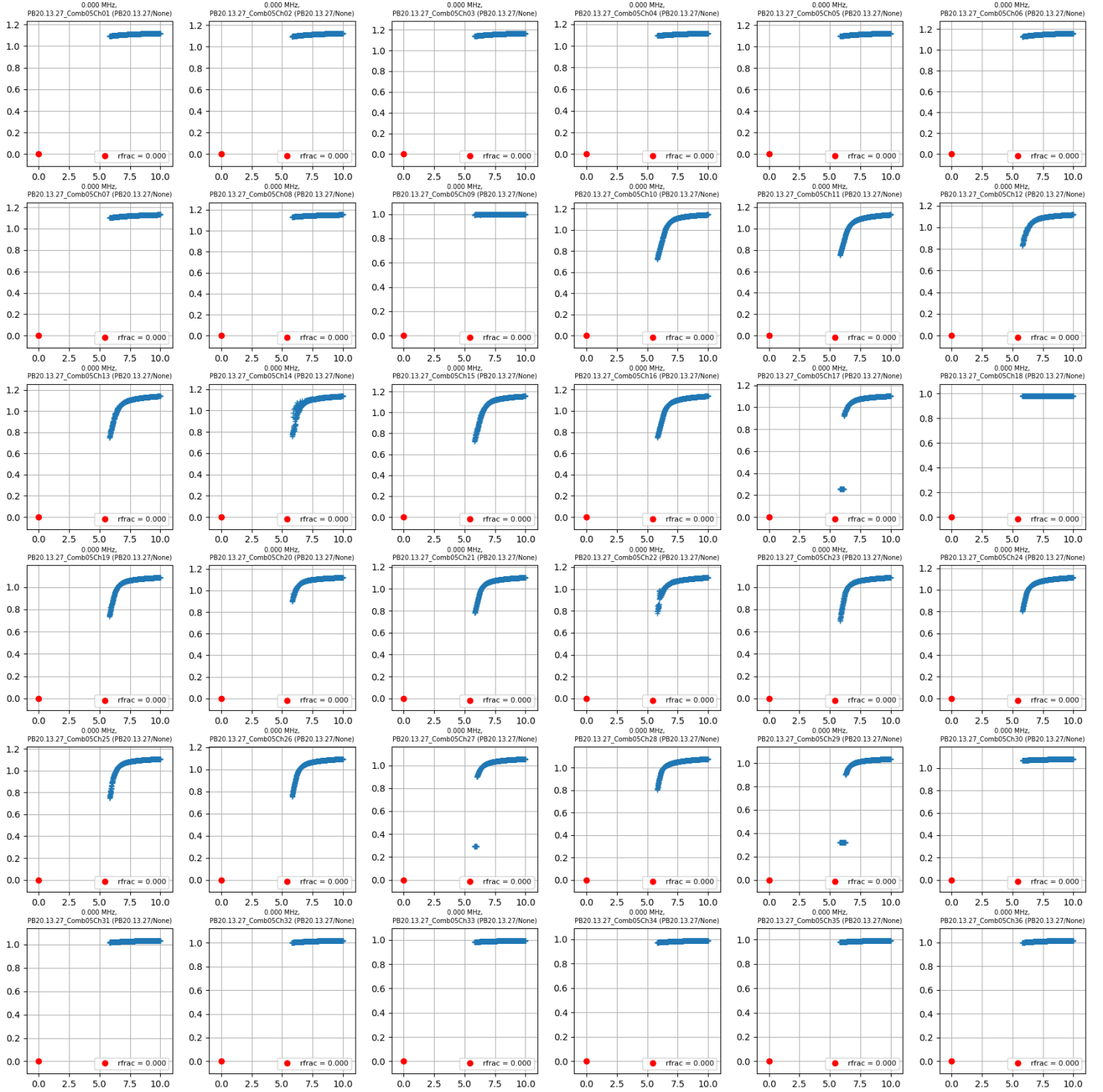
To convert Power values to RMS, divide by 2.

To convert Current or Voltage to RMS, divide by sqrt(2).

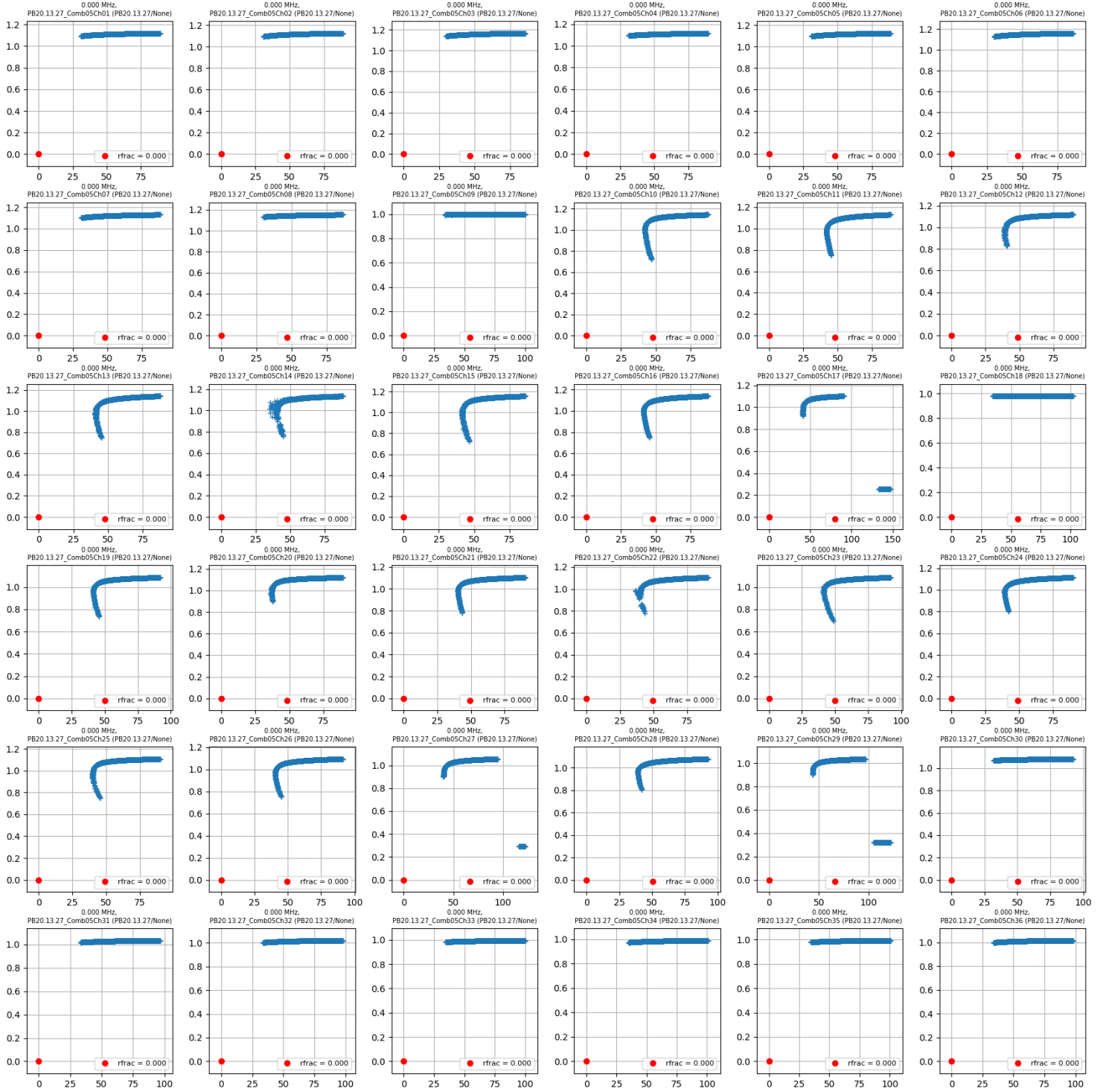# Plots

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	PB20.13.27 _Comb05C h01	PB20.13.27/ None	1623458.86 696	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27 _Comb05C h02	PB20.13.27/ None	1679382.32 887	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27 _Comb05C h03	PB20.13.27/ None	1717834.47 731	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27 _Comb05C h04	PB20.13.27/ None	1828460.69 802	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27 _Comb05C h05	PB20.13.27/ None	1880416.87 477	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27 _Comb05C h06	PB20.13.27/ None	1925125.12 673	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27 _Comb05C h07	PB20.13.27/ None	1988983.15 895	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27 _Comb05C h08	PB20.13.27/ None	2039947.51 442	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27 _Comb05C h09	PB20.13.27/ None	2106399.54 079	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27 _Comb05C h10	PB20.13.27/ None	2152099.61 403	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27 _Comb05C h11	PB20.13.27/ None	2216796.87 966	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27 _Comb05C h12	PB20.13.27/ None	2280578.61 794	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27 _Comb05C h13	PB20.13.27/ None	2336959.84 352	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27 _Comb05C h14	PB20.13.27/ None	2407760.62 477	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb05Ch15	PB20.13.27/None	2454833.98903	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb05Ch16	PB20.13.27/None	2551879.88747	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb05Ch17	PB20.13.27/None	2647171.02516	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb05Ch18	PB20.13.27/None	2750625.61501	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb05Ch19	PB20.13.27/None	2822647.09938	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb05Ch20	PB20.13.27/None	2859039.3113	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb05Ch21	PB20.13.27/None	2939758.30544	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb05Ch22	PB20.13.27/None	3047714.23806	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb05Ch23	PB20.13.27/None	3121643.07106	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb05Ch24	PB20.13.27/None	3181381.23024	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb05Ch25	PB20.13.27/None	3265533.45192	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb05Ch26	PB20.13.27/None	3348236.08864	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb05Ch27	PB20.13.27/None	3422241.21559	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb05Ch28	PB20.13.27/None	3474655.15602	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb05Ch29	PB20.13.27/None	3593978.88649	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb05Ch30	PB20.13.27/None	3652420.0486	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.27_Comb05Ch31	PB20.13.27/None	3750076.2986	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.27_Comb05Ch32	PB20.13.27/None	3969955.44899	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.27_Comb05Ch33	PB20.13.27/None	4158706.6697	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.27_Comb05Ch34	PB20.13.27/None	4248580.93727	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.27_Comb05Ch35	PB20.13.27/None	4289779.66774	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.27_Comb05Ch36	PB20.13.27/None	4388275.15114	0.0000	N/A: target amplitude 0	0.0000