Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0414).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0414).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:25:53 2019
HWM used	190221_run17b_hwm
Outcome	success

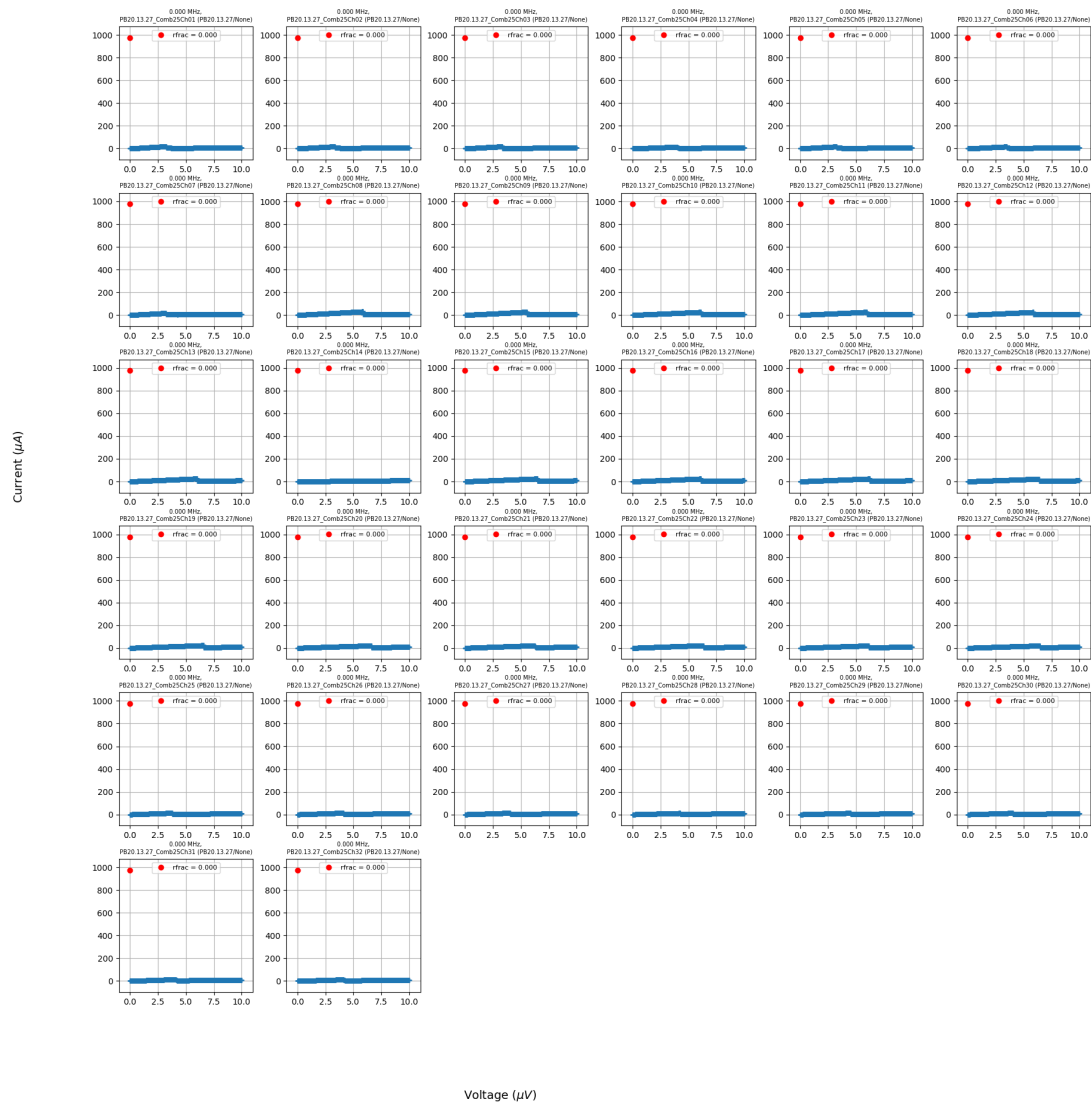| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	32
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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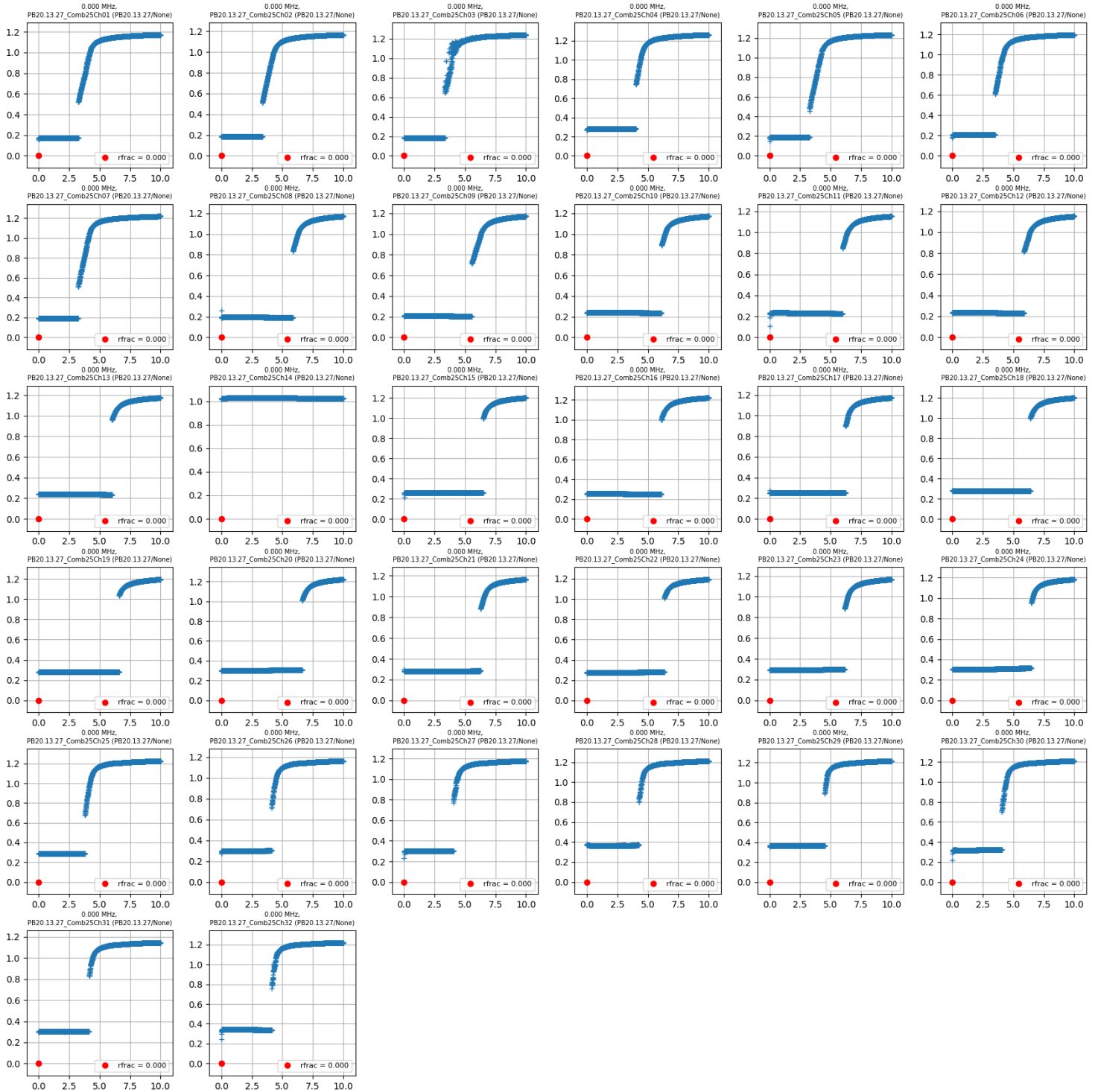
To convert Power values to RMS, divide by 2.

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

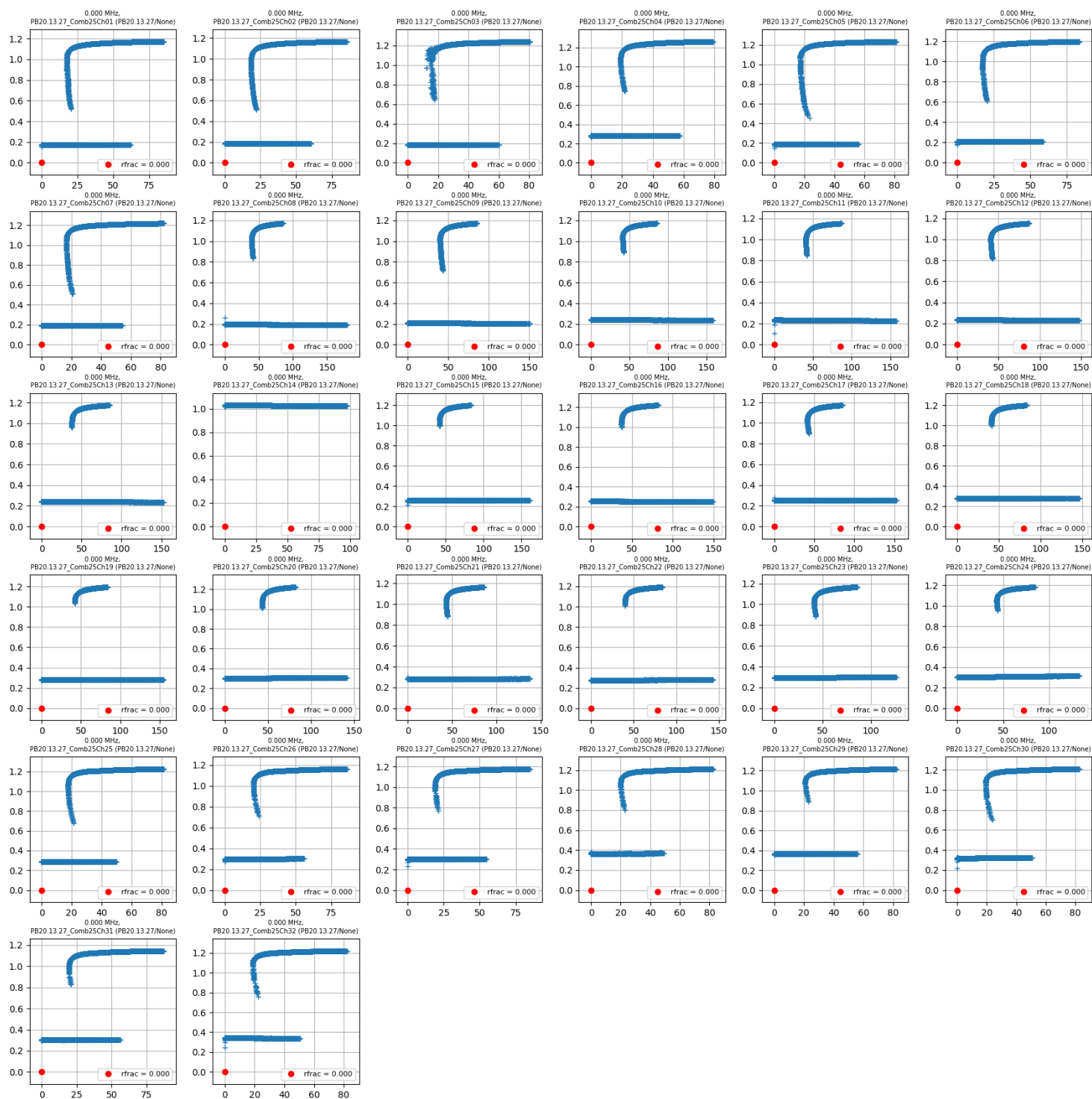# Plots

IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

Voltage (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_Comb25Ch01	PB20.13.27/None	1630630.49782	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.27_Comb25Ch02	PB20.13.27/None	1682281.4988	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.27_Comb25Ch03	PB20.13.27/None	1723327.64137	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.27_Comb25Ch04	PB20.13.27/None	1776123.05153	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.27_Comb25Ch05	PB20.13.27/None	1836318.97438	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.27_Comb25Ch06	PB20.13.27/None	1986541.7527	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.27_Comb25Ch07	PB20.13.27/None	2050399.78493	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.27_Comb25Ch08	PB20.13.27/None	2165298.46657	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.27_Comb25Ch09	PB20.13.27/None	2221603.39821	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.27_Comb25Ch10	PB20.13.27/None	2338256.84059	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.27_Comb25Ch11	PB20.13.27/None	2468338.01735	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.27_Comb25Ch12	PB20.13.27/None	2592849.7361	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.27_Comb25Ch13	PB20.13.27/None	2662963.87184	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.27_Comb25Ch14	PB20.13.27/None	2754669.19411	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.27_Comb25Ch15	PB20.13.27/None	2836456.30349	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.27_Comb25Ch16	PB20.13.27/None	2877502.44606	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.27_Comb25Ch17	PB20.13.27/None	2954101.56716	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.27_Comb25Ch18	PB20.13.27/None	3054733.28102	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.27_Comb25Ch19	PB20.13.27/None	3130645.75661	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.27_Comb25Ch20	PB20.13.27/None	3283309.94118	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.27_Comb25Ch21	PB20.13.27/None	3353500.37087	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.27_Comb25Ch22	PB20.13.27/None	3417053.22731	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.27_Comb25Ch23	PB20.13.27/None	3491058.35427	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.27_Comb25Ch24	PB20.13.27/None	3609313.9695	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.27_Comb25Ch25	PB20.13.27/None	3677978.52028	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.27_Comb25Ch26	PB20.13.27/None	3765258.79372	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.27_Comb25Ch27	PB20.13.27/None	3834762.5779	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.27_Comb25Ch28	PB20.13.27/None	3979644.78005	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.27_Comb25Ch29	PB20.13.27/None	4050827.03102	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.27_Comb25Ch30	PB20.13.27/None	4178390.50759	0.0000	N/A: target amplitude 0	0.0000

| 31 | PB20.13.27_Comb25Ch31 | PB20.13.27/None | 4260177.61696 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 32 | PB20.13.27_Comb25Ch32 | PB20.13.27/None | 4295883.18337 | 0.0000 | N/A: target amplitude 0 | 0.0000 |