

# Bolometer tuning output (IV-algorithm)

## Target Data

Full target name	None.Dfmux(serial=0440).MGMEZZ04(1,None).ReadoutModule(4)
Reduced target name	IceBoard(0440).Mezz(1).ReadoutModule(4)
Date	Mon Feb 25 17:31:06 2019
HWM used	190221_run17b_hwm
Outcome	success

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### Summary Of Results

Number of successfully tuned bolometers	0
Number of bolos zeroed before start	35
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.

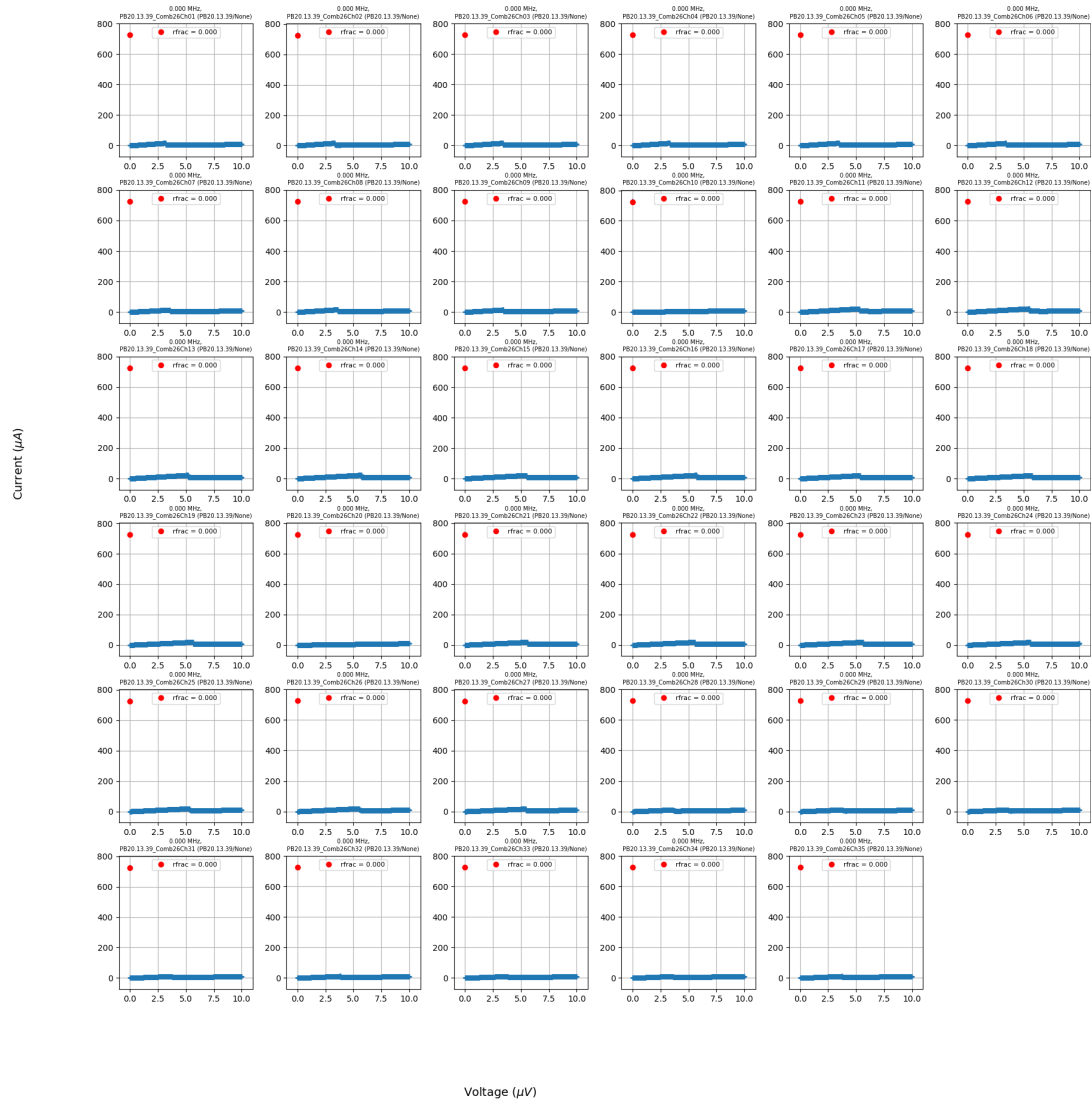
To convert Power values to RMS, divide by 2.

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

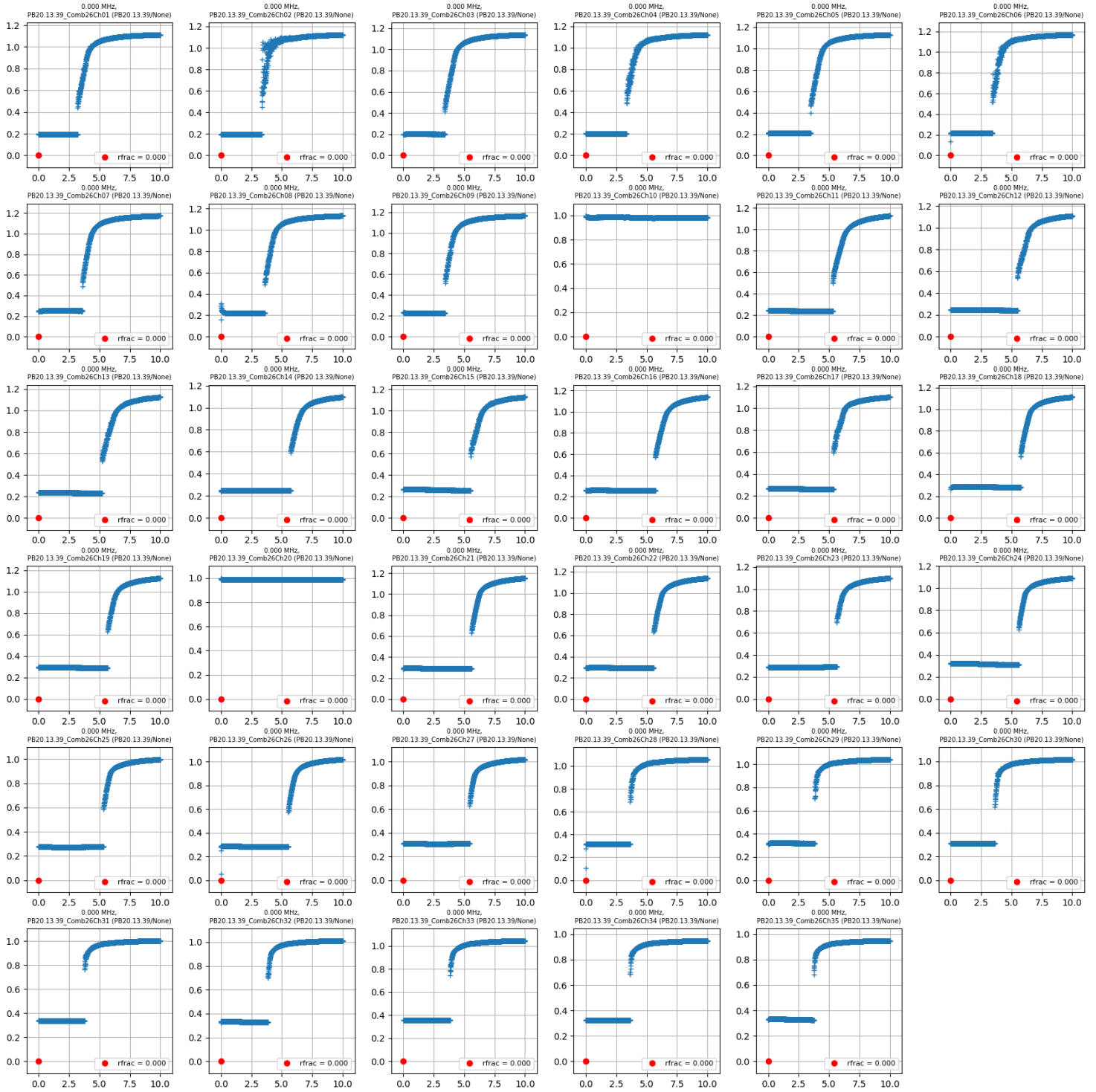
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# Plots

IV Curves for tuned bolometers, final state in red

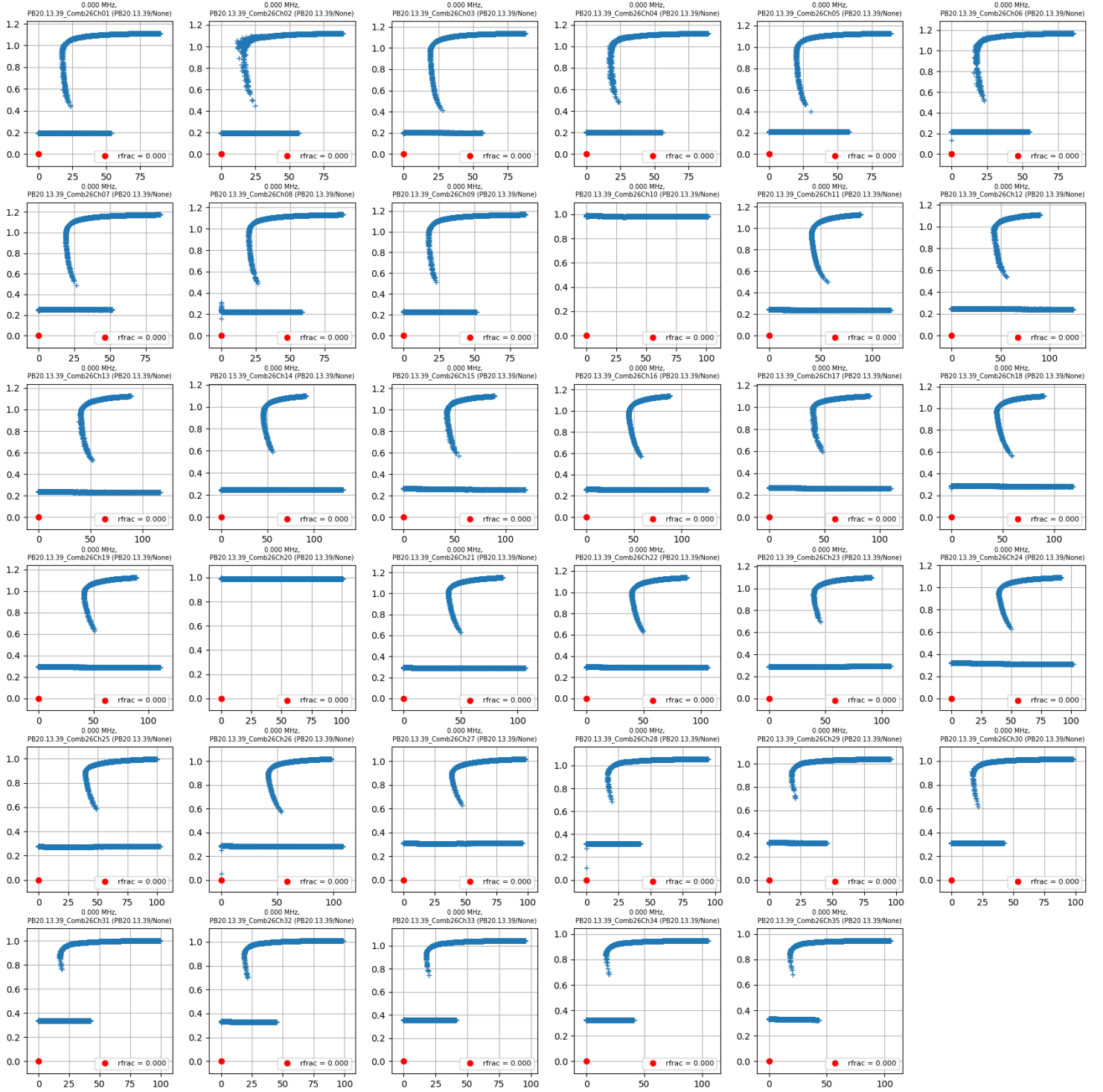


# RV Curves for tuned bolometers, final state in red



Voltage ( $\mu\text{V}$ )

# 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	PB20.13.39_Comb26C h01	PB20.13.39/None	1650466.9236	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39_Comb26C h02	PB20.13.39/None	1699829.10622	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39_Comb26C h03	PB20.13.39/None	1748428.34938	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39_Comb26C h04	PB20.13.39/None	1808853.15407	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39_Comb26C h05	PB20.13.39/None	1864089.97048	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39_Comb26C h06	PB20.13.39/None	1902694.70681	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39_Comb26C h07	PB20.13.39/None	1954650.88356	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39_Comb26C h08	PB20.13.39/None	2019958.50075	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39_Comb26C h09	PB20.13.39/None	2067794.80446	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39_Comb26C h10	PB20.13.39/None	2156829.83864	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39_Comb26C h11	PB20.13.39/None	2189559.94118	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39_Comb26C h12	PB20.13.39/None	2251281.74294	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39_Comb26C h13	PB20.13.39/None	2309494.02321	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39_Comb26C h14	PB20.13.39/None	2382431.03493	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb26C h15	PB20.13.39/ None	2448272.70 974	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb26C h16	PB20.13.39/ None	2490005.49 782	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb26C h17	PB20.13.39/ None	2583312.99 294	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb26C h18	PB20.13.39/ None	2628555.30 251	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb26C h19	PB20.13.39/ None	2684021.00 075	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb26C h20	PB20.13.39/ None	2806167.60 72	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb26C h21	PB20.13.39/ None	2858657.84 157	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb26C h22	PB20.13.39/ None	2897338.87 184	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb26C h23	PB20.13.39/ None	3096466.06 911	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb26C h24	PB20.13.39/ None	3308792.11 891	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb26C h25	PB20.13.39/ None	3462066.65 505	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb26C h26	PB20.13.39/ None	3536758.42 751	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb26C h27	PB20.13.39/ None	3642501.83 571	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb26C h28	PB20.13.39/ None	3700485.23 415	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb26C h29	PB20.13.39/ None	3789443.97 438	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb26C h30	PB20.13.39/ None	3876953.12 966	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39 _Comb26C h31	PB20.13.39/ None	4027328.49 587	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39 _Comb26C h32	PB20.13.39/ None	4113311.77 224	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.39 _Comb26C h33	PB20.13.39/ None	4208831.79 177	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.39 _Comb26C h34	PB20.13.39/ None	4353866.58 181	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.39 _Comb26C h35	PB20.13.39/ None	4455108.64 723	0.0000	N/A: target amplitude 0	0.0000