Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0440).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0440).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:35:05 2019
HWM used	190221_run17b_hwm
Outcome	success

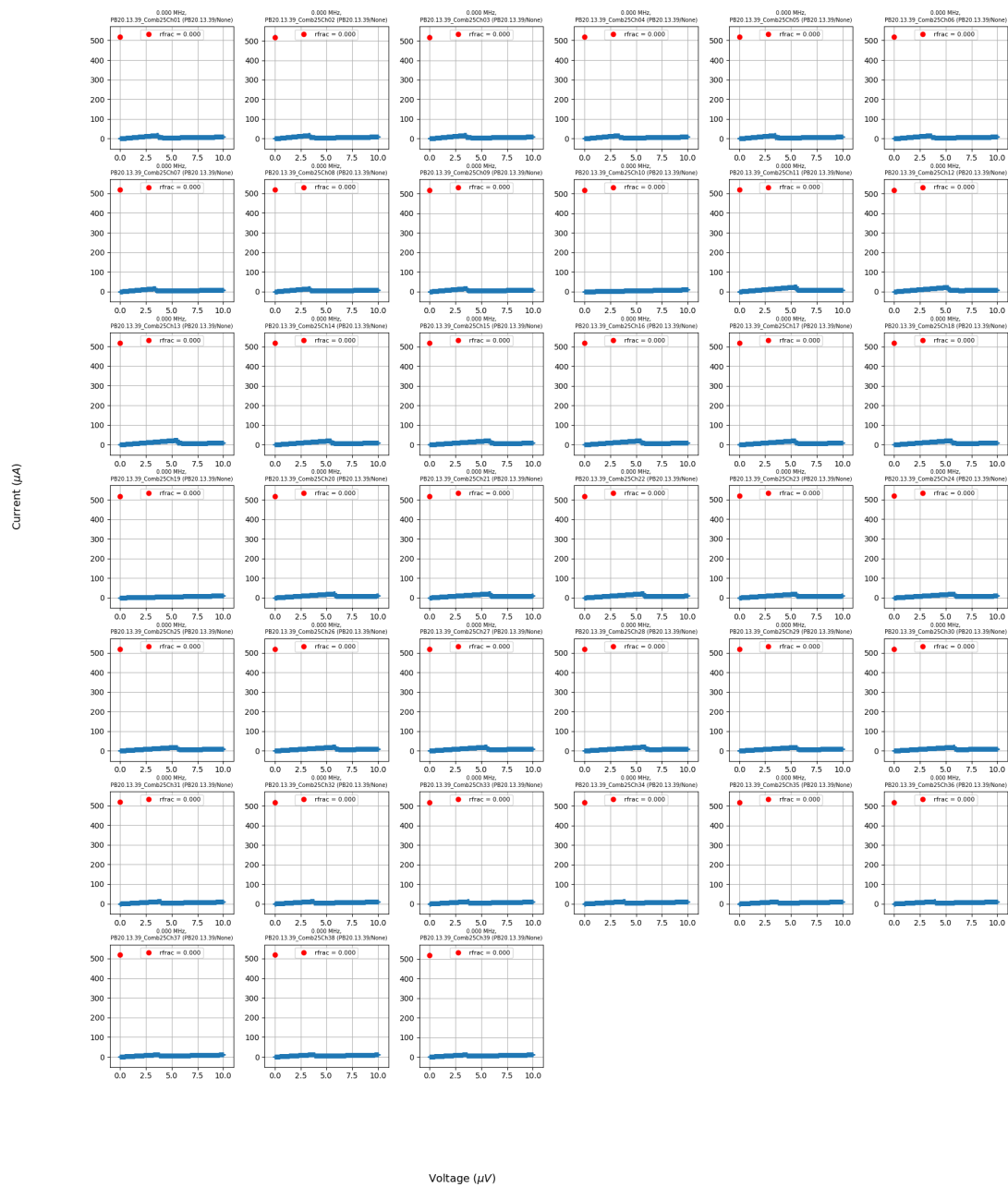| Summary Of Results	
Number of successfully tuned bolometers	0
Number of bolos zeroed before start	39
Number of latched bolometers	0
Number of bolometers which didn't finish tuning	0

Note

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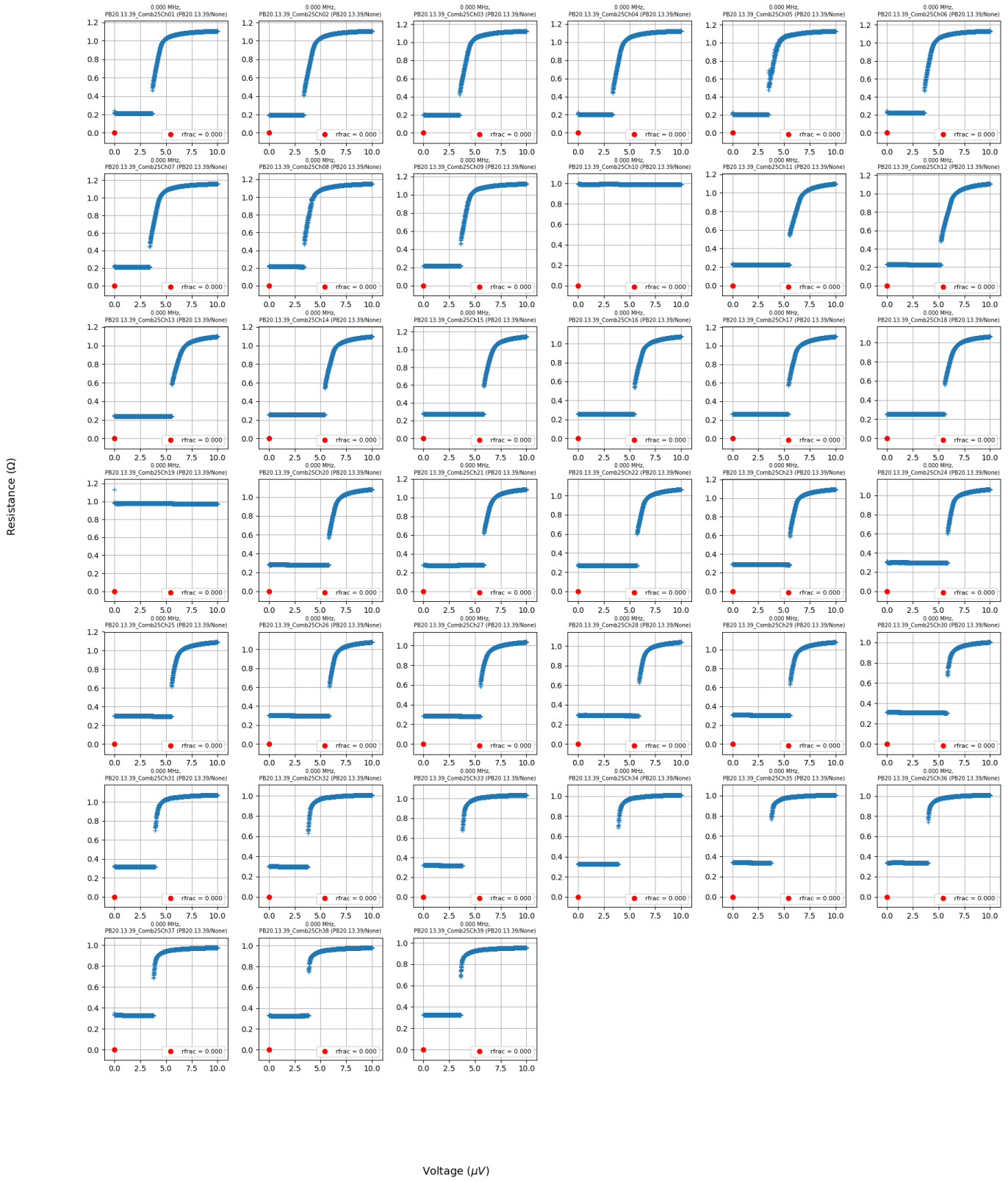
To convert Power values to RMS, divide by 2.

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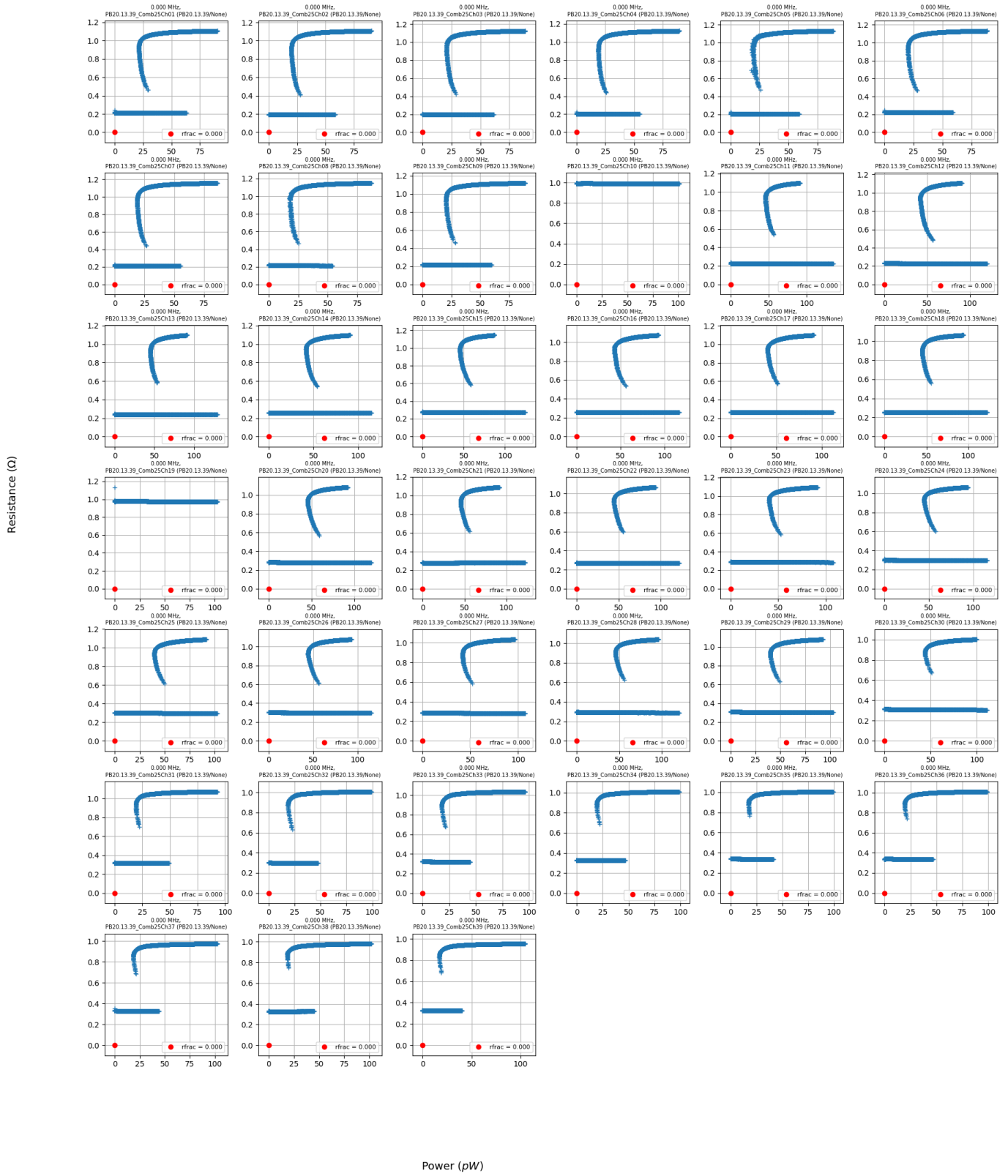
Plots

IV Curves for tuned bolometers, final state in red

RV Curves for tuned bolometers, final state in red

R-P Curves for tuned bolometers, final state in red

Resistance (Ω)

Power (*pW*)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.39 _Comb25C h01	PB20.13.39/ None	1649017.33 864	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.39 _Comb25C h02	PB20.13.39/ None	1697998.05 153	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.39 _Comb25C h03	PB20.13.39/ None	1742477.42 165	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.39 _Comb25C h04	PB20.13.39/ None	1798782.35 329	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.39 _Comb25C h05	PB20.13.39/ None	1853561.40 602	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.39 _Comb25C h06	PB20.13.39/ None	1905288.70 095	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.39 _Comb25C h07	PB20.13.39/ None	1949310.30 739	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.39 _Comb25C h08	PB20.13.39/ None	2013397.22 145	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.39 _Comb25C h09	PB20.13.39/ None	2073974.61 403	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.39 _Comb25C h10	PB20.13.39/ None	2138366.70 388	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.39 _Comb25C h11	PB20.13.39/ None	2190170.29 274	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.39 _Comb25C h12	PB20.13.39/ None	2248229.98 513	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.39 _Comb25C h13	PB20.13.39/ None	2305908.20 778	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.39 _Comb25C h14	PB20.13.39/ None	2369384.77 028	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.39 _Comb25C h15	PB20.13.39/ None	2440567.02 126	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.39 _Comb25C h16	PB20.13.39/ None	2577133.18 337	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.39 _Comb25C h17	PB20.13.39/ None	2616271.97 731	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.39 _Comb25C h18	PB20.13.39/ None	2692260.74 684	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.39 _Comb25C h19	PB20.13.39/ None	2787094.12 087	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.39 _Comb25C h20	PB20.13.39/ None	2862625.12 673	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.39 _Comb25C h21	PB20.13.39/ None	2905349.73 61	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.39 _Comb25C h22	PB20.13.39/ None	2975692.75 368	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.39 _Comb25C h23	PB20.13.39/ None	3082656.86 501	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.39 _Comb25C h24	PB20.13.39/ None	3157348.63 747	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.39 _Comb25C h25	PB20.13.39/ None	3224868.77 907	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.39 _Comb25C h26	PB20.13.39/ None	3314437.87 087	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.39 _Comb25C h27	PB20.13.39/ None	3389892.58 278	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.39 _Comb25C h28	PB20.13.39/ None	3453292.85 134	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.39 _Comb25C h29	PB20.13.39/ None	3519973.75 954	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.39 _Comb25C h30	PB20.13.39/ None	3649444.58 474	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.39_Comb25Ch31	PB20.13.39/None	3708496.09841	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.39_Comb25Ch32	PB20.13.39/None	3793411.25954	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.39_Comb25Ch33	PB20.13.39/None	3863372.80739	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.39_Comb25Ch34	PB20.13.39/None	4014282.23122	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.39_Comb25Ch35	PB20.13.39/None	4098358.15895	0.0000	N/A: target amplitude 0	0.0000
36	PB20.13.39_Comb25Ch36	PB20.13.39/None	4209213.26149	0.0000	N/A: target amplitude 0	0.0000
37	PB20.13.39_Comb25Ch37	PB20.13.39/None	4295730.59548	0.0000	N/A: target amplitude 0	0.0000
38	PB20.13.39_Comb25Ch38	PB20.13.39/None	4340438.84743	0.0000	N/A: target amplitude 0	0.0000
39	PB20.13.39_Comb25Ch39	PB20.13.39/None	4436569.21852	0.0000	N/A: target amplitude 0	0.0000