Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0426).MGMEZZ04(2,None).ReadoutModule(2)
Reduced target name	IceBoard(0426).Mezz(2).ReadoutModule(2)
Date	Mon Feb 25 17:29:05 2019
HWM used	190221_run17b_hwm
Outcome	success

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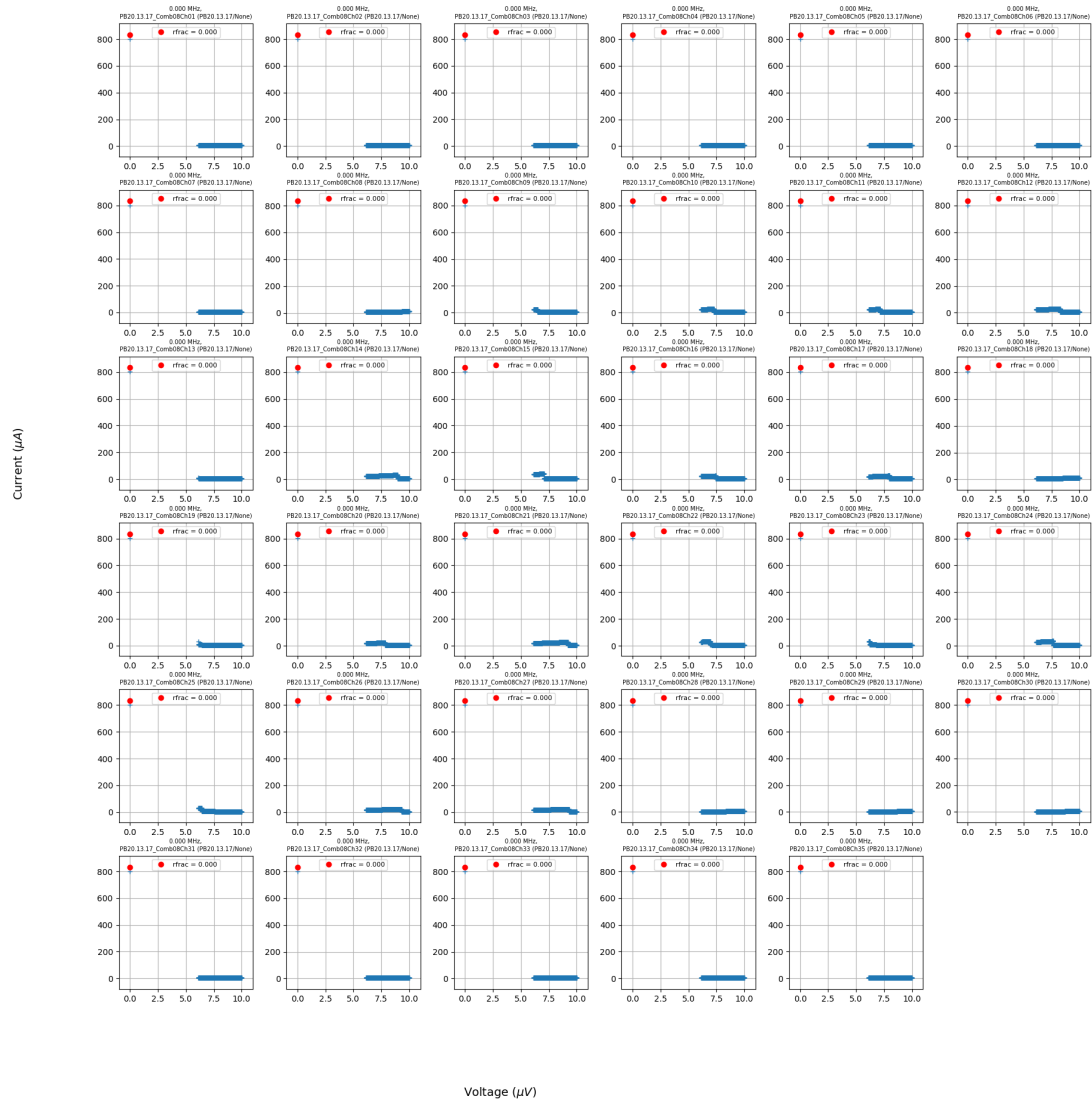
To convert Power values to RMS, divide by 2.
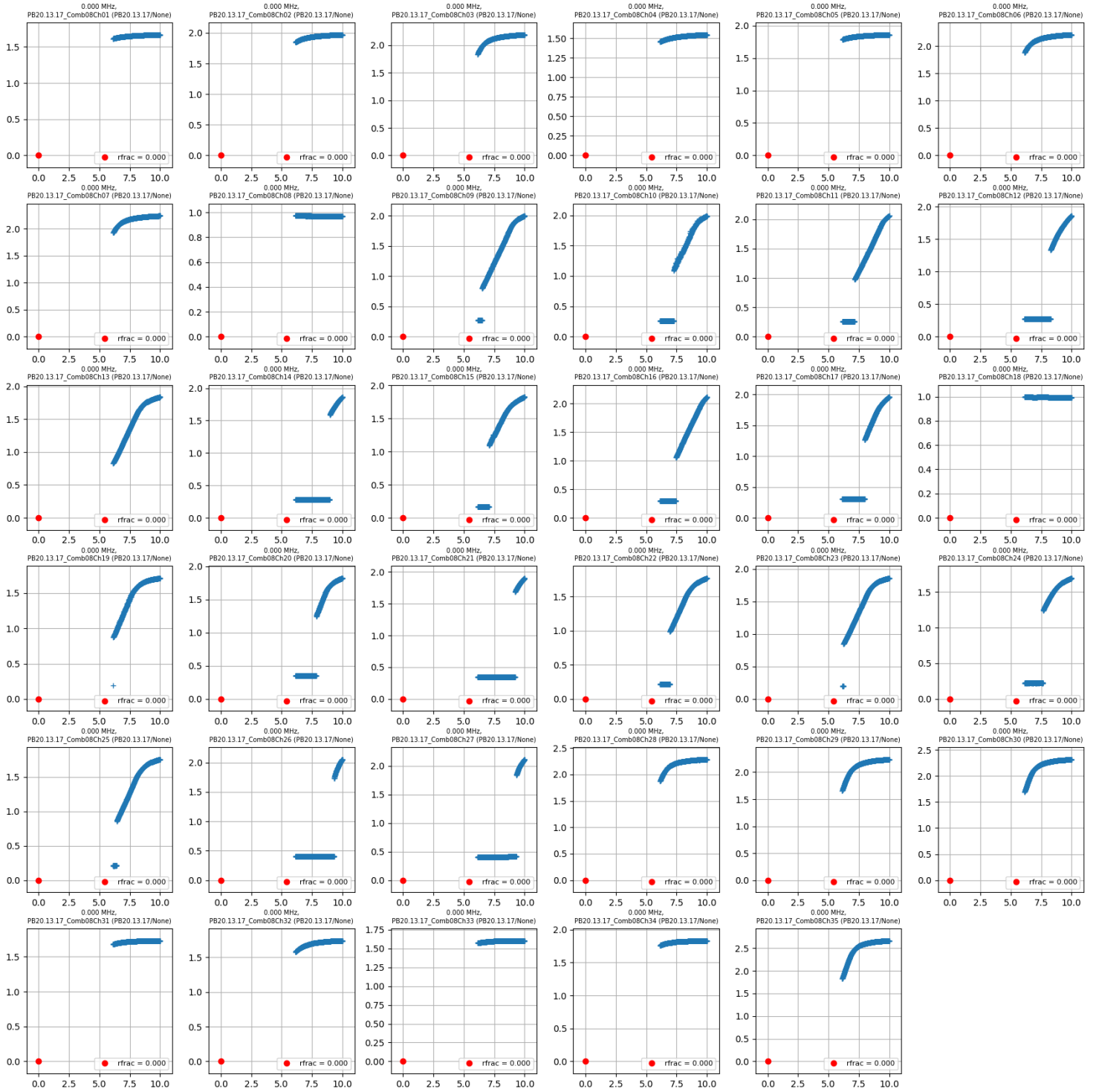
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

IV Curves for tuned bolometers, final state in red

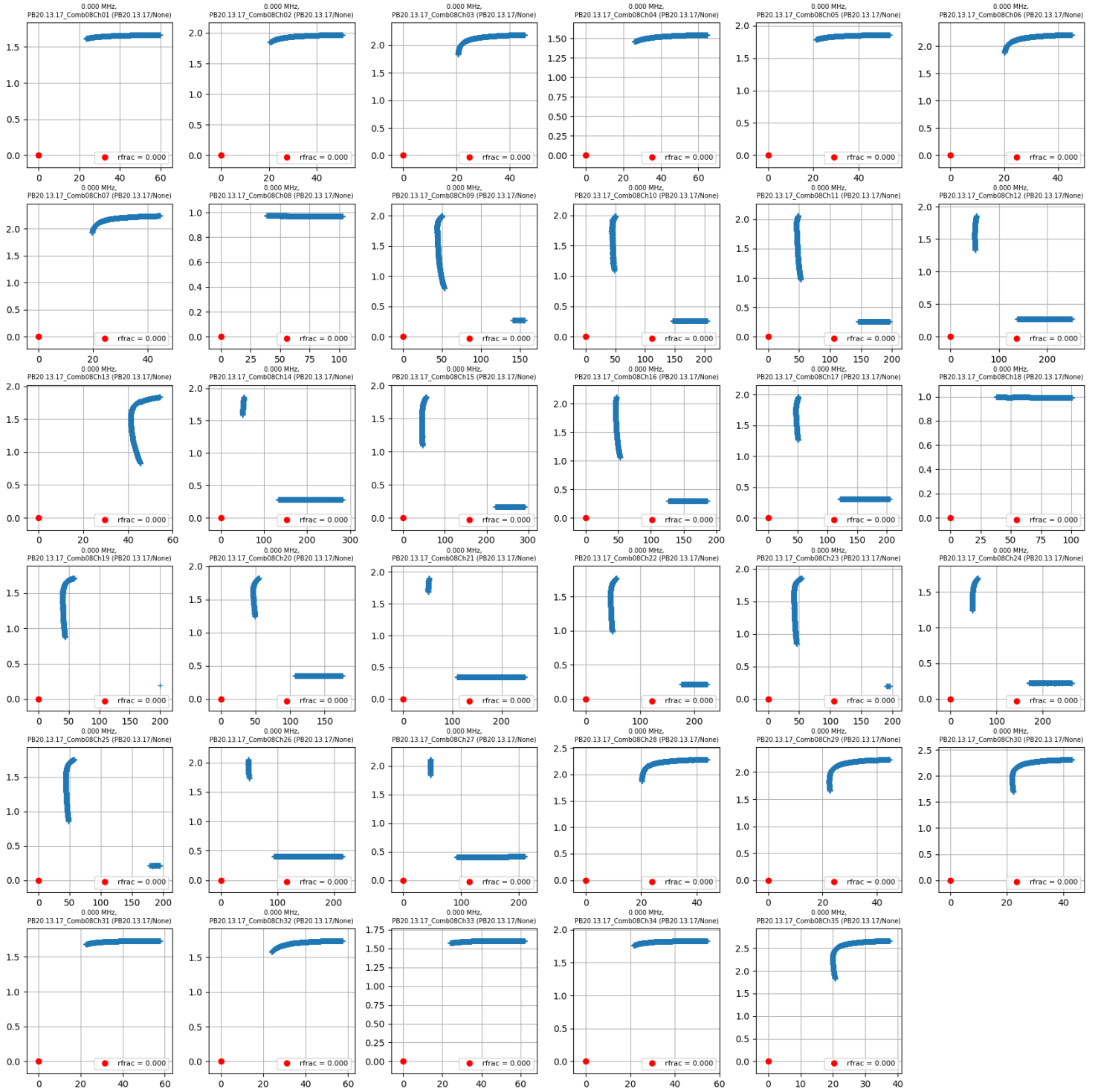RV Curves for tuned bolometers, final state in red

Voltage (μV)

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

0.000 MHz,
PB20.13.17_Comb08Ch01 (PB20.13.17/None)
PB20.13.17_Comb08Ch02 (PB20.13.17/None)
PB20.13.17_Comb08Ch03 (PB20.13.17/None)
PB20.13.17_Comb08Ch04 (PB20.13.17/None)
PB20.13.17_Comb08Ch05 (PB20.13.17/None)
PB20.13.17_Comb08Ch06 (PB20.13.17/None)

PB20.13.17_Comb08Ch07 (PB20.13.17/None)
PB20.13.17_Comb08Ch08 (PB20.13.17/None)
PB20.13.17_Comb08Ch09 (PB20.13.17/None)
PB20.13.17_Comb08Ch10 (PB20.13.17/None)
PB20.13.17_Comb08Ch11 (PB20.13.17/None)
PB20.13.17_Comb08Ch12 (PB20.13.17/None)

PB20.13.17_Comb08Ch13 (PB20.13.17/None)
PB20.13.17_Comb08Ch14 (PB20.13.17/None)
PB20.13.17_Comb08Ch15 (PB20.13.17/None)
PB20.13.17_Comb08Ch16 (PB20.13.17/None)
PB20.13.17_Comb08Ch17 (PB20.13.17/None)
PB20.13.17_Comb08Ch18 (PB20.13.17/None)

PB20.13.17_Comb08Ch19 (PB20.13.17/None)
PB20.13.17_Comb08Ch20 (PB20.13.17/None)
PB20.13.17_Comb08Ch21 (PB20.13.17/None)
PB20.13.17_Comb08Ch22 (PB20.13.17/None)
PB20.13.17_Comb08Ch23 (PB20.13.17/None)
PB20.13.17_Comb08Ch24 (PB20.13.17/None)

PB20.13.17_Comb08Ch25 (PB20.13.17/None)
PB20.13.17_Comb08Ch26 (PB20.13.17/None)
PB20.13.17_Comb08Ch27 (PB20.13.17/None)
PB20.13.17_Comb08Ch28 (PB20.13.17/None)
PB20.13.17_Comb08Ch29 (PB20.13.17/None)
PB20.13.17_Comb08Ch30 (PB20.13.17/None)

PB20.13.17_Comb08Ch31 (PB20.13.17/None)
PB20.13.17_Comb08Ch32 (PB20.13.17/None)
PB20.13.17_Comb08Ch33 (PB20.13.17/None)
PB20.13.17_Comb08Ch34 (PB20.13.17/None)
PB20.13.17_Comb08Ch35 (PB20.13.17/None)

rfrac = 0.000

Power (pW)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	PB20.13.17 _Comb08C h01	PB20.13.17/ None	1642532.35 329	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.17 _Comb08C h02	PB20.13.17/ None	1682128.91 091	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.17 _Comb08C h03	PB20.13.17/ None	1729354.86 306	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.17 _Comb08C h04	PB20.13.17/ None	1784362.79 762	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.17 _Comb08C h05	PB20.13.17/ None	1836700.44 411	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.17 _Comb08C h06	PB20.13.17/ None	2003936.77 224	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.17 _Comb08C h07	PB20.13.17/ None	2060089.11 599	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.17 _Comb08C h08	PB20.13.17/ None	2118301.39 626	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.17 _Comb08C h09	PB20.13.17/ None	2174758.91 579	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.17 _Comb08C h10	PB20.13.17/ None	2236709.59 938	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.17 _Comb08C h11	PB20.13.17/ None	2296218.87 673	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.17 _Comb08C h12	PB20.13.17/ None	2362213.13 942	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.17 _Comb08C h13	PB20.13.17/ None	2418365.48 317	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.17 _Comb08C h14	PB20.13.17/ None	2474670.41 481	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.17 _Comb08C h15	PB20.13.17/ None	2557220.46 364	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.17 _Comb08C h16	PB20.13.17/ None	2604904.17 946	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.17 _Comb08C h17	PB20.13.17/ None	2681198.12 477	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.17 _Comb08C h18	PB20.13.17/ None	2765350.34 645	0.0000	N/A: target amplitude 0	0.0000
19	PB20.13.17 _Comb08C h19	PB20.13.17/ None	2831039.43 337	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.17 _Comb08C h20	PB20.13.17/ None	2901687.62 673	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.17 _Comb08C h21	PB20.13.17/ None	2973327.64 138	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.17 _Comb08C h22	PB20.13.17/ None	3047485.35 622	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.17 _Comb08C h23	PB20.13.17/ None	3127059.94 118	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.17 _Comb08C h24	PB20.13.17/ None	3193130.49 782	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.17 _Comb08C h25	PB20.13.17/ None	3359298.71 071	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.17 _Comb08C h26	PB20.13.17/ None	3457336.43 044	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.17 _Comb08C h27	PB20.13.17/ None	3525543.21 755	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.17 _Comb08C h28	PB20.13.17/ None	3711242.68 044	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.17 _Comb08C h29	PB20.13.17/ None	3796386.72 341	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.17 _Comb08C h30	PB20.13.17/ None	3875122.07 497	0.0000	N/A: target amplitude 0	0.0000

31	PB20.13.17_Comb08Ch31	PB20.13.17/None	3978271.48903	0.0000	N/A: target amplitude 0	0.0000
32	PB20.13.17_Comb08Ch32	PB20.13.17/None	4063339.23806	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.17_Comb08Ch33	PB20.13.17/None	4171142.58278	0.0000	N/A: target amplitude 0	0.0000
34	PB20.13.17_Comb08Ch34	PB20.13.17/None	4251785.28298	0.0000	N/A: target amplitude 0	0.0000
35	PB20.13.17_Comb08Ch35	PB20.13.17/None	4368591.31325	0.0000	N/A: target amplitude 0	0.0000