Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0423).MGMEZZ04(1,None).ReadoutModule(1)
Reduced target name	IceBoard(0423).Mezz(1).ReadoutModule(1)
Date	Mon Feb 25 17:29:16 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

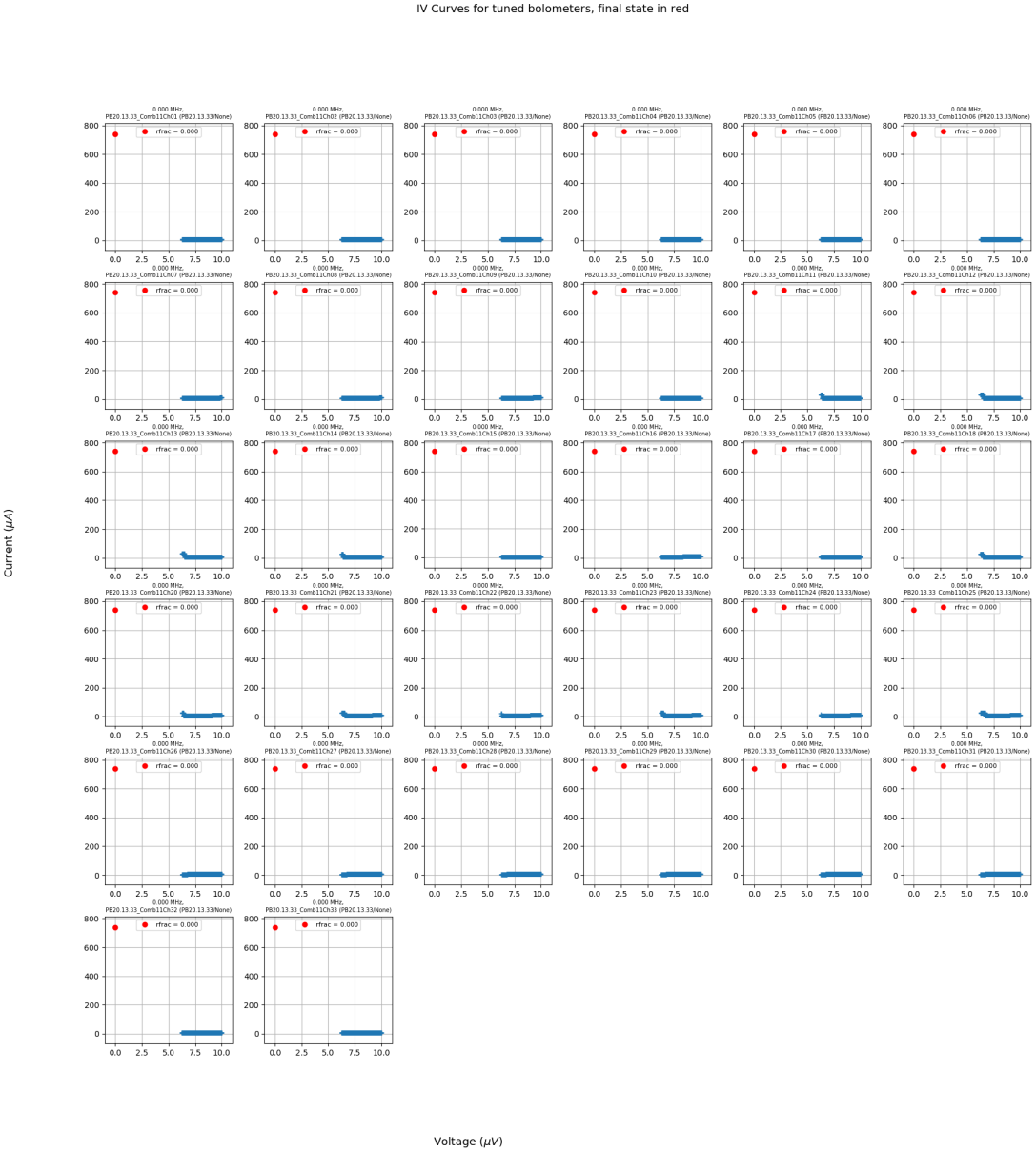
Note

All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

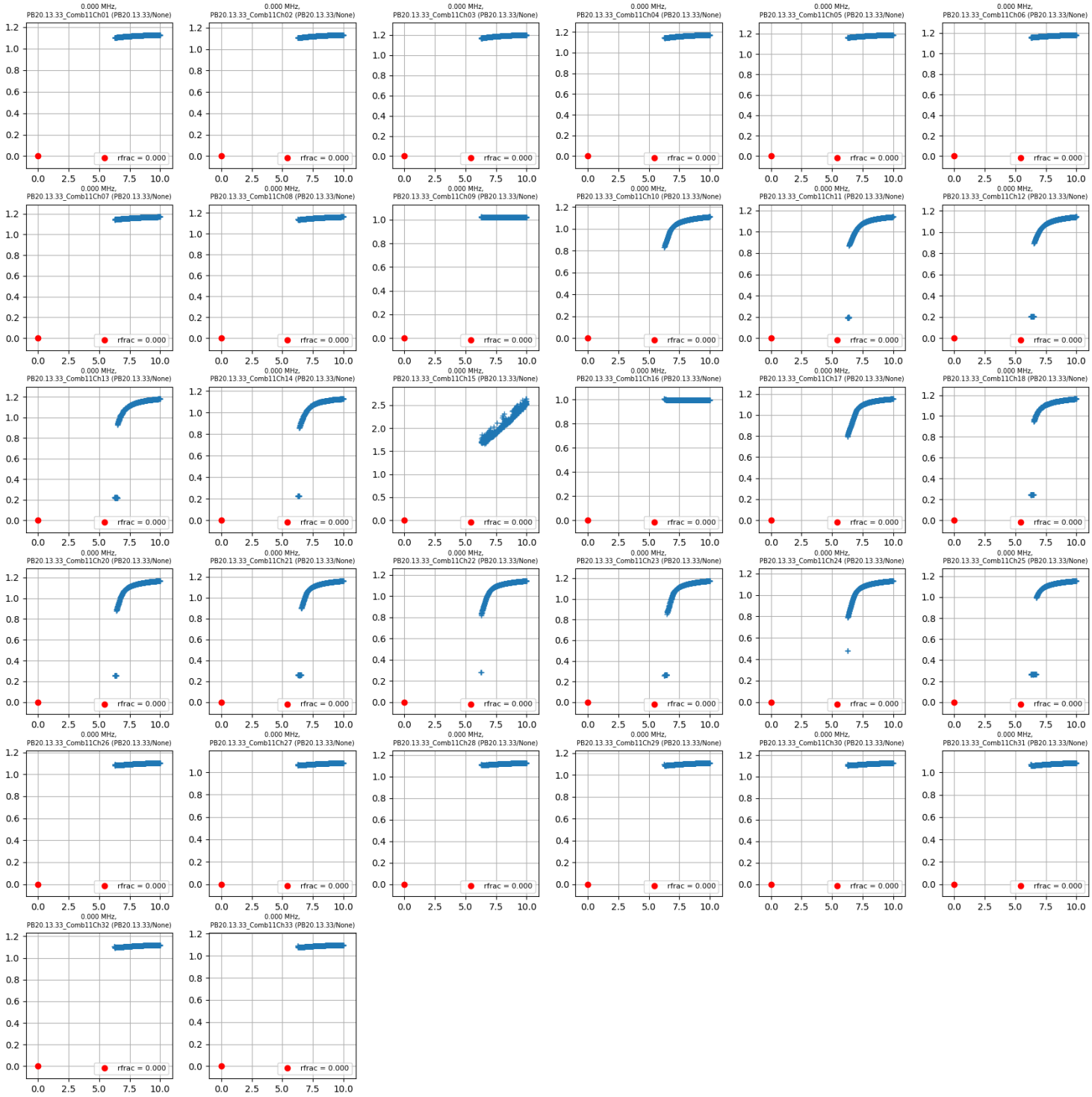
To convert Power values to RMS, divide by 2.

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

Plots

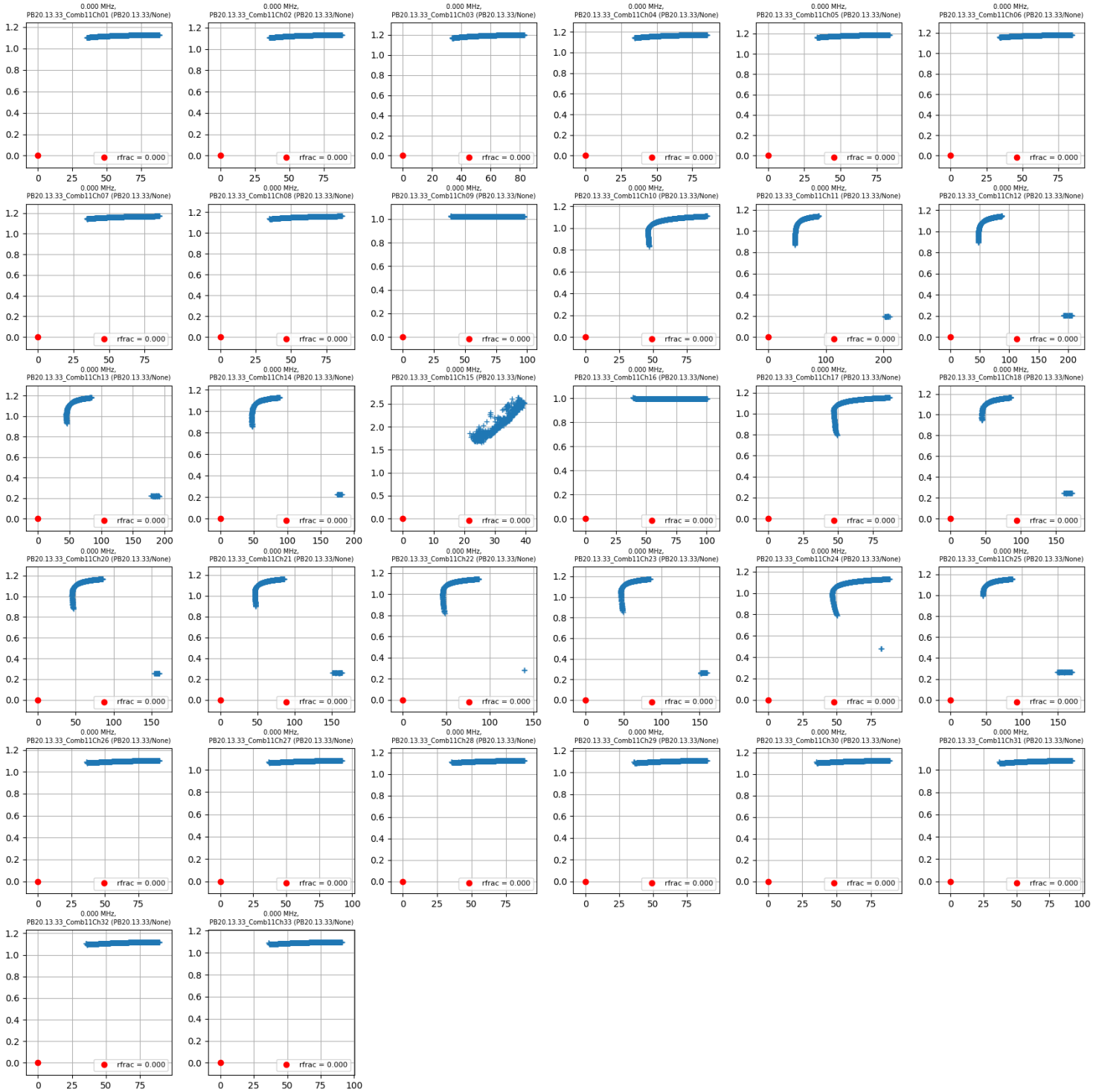

IV Curves for tuned bolometers, final state in red
Current (μA)
Voltage (μV)
0.000 MHz,
PB20.13.33_Comb11Ch01 (PB20.13.33/None)
PB20.13.33_Comb11Ch02 (PB20.13.33/None)
PB20.13.33_Comb11Ch03 (PB20.13.33/None)
PB20.13.33_Comb11Ch04 (PB20.13.33/None)
PB20.13.33_Comb11Ch05 (PB20.13.33/None)
PB20.13.33_Comb11Ch06 (PB20.13.33/None)
PB20.13.33_Comb11Ch07 (PB20.13.33/None)
PB20.13.33_Comb11Ch08 (PB20.13.33/None)
PB20.13.33_Comb11Ch09 (PB20.13.33/None)
PB20.13.33_Comb11Ch10 (PB20.13.33/None)
PB20.13.33_Comb11Ch11 (PB20.13.33/None)
PB20.13.33_Comb11Ch12 (PB20.13.33/None)
PB20.13.33_Comb11Ch13 (PB20.13.33/None)
PB20.13.33_Comb11Ch14 (PB20.13.33/None)
PB20.13.33_Comb11Ch15 (PB20.13.33/None)
PB20.13.33_Comb11Ch16 (PB20.13.33/None)
PB20.13.33_Comb11Ch17 (PB20.13.33/None)
PB20.13.33_Comb11Ch18 (PB20.13.33/None)
PB20.13.33_Comb11Ch20 (PB20.13.33/None)
PB20.13.33_Comb11Ch21 (PB20.13.33/None)
PB20.13.33_Comb11Ch22 (PB20.13.33/None)
PB20.13.33_Comb11Ch23 (PB20.13.33/None)
PB20.13.33_Comb11Ch24 (PB20.13.33/None)
PB20.13.33_Comb11Ch25 (PB20.13.33/None)
PB20.13.33_Comb11Ch26 (PB20.13.33/None)
PB20.13.33_Comb11Ch27 (PB20.13.33/None)
PB20.13.33_Comb11Ch28 (PB20.13.33/None)
PB20.13.33_Comb11Ch29 (PB20.13.33/None)
PB20.13.33_Comb11Ch30 (PB20.13.33/None)
PB20.13.33_Comb11Ch31 (PB20.13.33/None)
PB20.13.33_Comb11Ch32 (PB20.13.33/None)
PB20.13.33_Comb11Ch33 (PB20.13.33/None)
rfrac = 0.000

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	PB20.13.33_Comb11Ch01	PB20.13.33/None	1622543.33962	0.0000	N/A: target amplitude 0	0.0000
2	PB20.13.33_Comb11Ch02	PB20.13.33/None	1674728.39821	0.0000	N/A: target amplitude 0	0.0000
3	PB20.13.33_Comb11Ch03	PB20.13.33/None	1719055.18044	0.0000	N/A: target amplitude 0	0.0000
4	PB20.13.33_Comb11Ch04	PB20.13.33/None	1774291.99684	0.0000	N/A: target amplitude 0	0.0000
5	PB20.13.33_Comb11Ch05	PB20.13.33/None	1825485.23415	0.0000	N/A: target amplitude 0	0.0000
6	PB20.13.33_Comb11Ch06	PB20.13.33/None	1923522.95387	0.0000	N/A: target amplitude 0	0.0000
7	PB20.13.33_Comb11Ch07	PB20.13.33/None	1986083.98903	0.0000	N/A: target amplitude 0	0.0000
8	PB20.13.33_Comb11Ch08	PB20.13.33/None	2044982.91481	0.0000	N/A: target amplitude 0	0.0000
9	PB20.13.33_Comb11Ch09	PB20.13.33/None	2106857.30446	0.0000	N/A: target amplitude 0	0.0000
10	PB20.13.33_Comb11Ch10	PB20.13.33/None	2214050.29763	0.0000	N/A: target amplitude 0	0.0000
11	PB20.13.33_Comb11Ch11	PB20.13.33/None	2274703.98415	0.0000	N/A: target amplitude 0	0.0000
12	PB20.13.33_Comb11Ch12	PB20.13.33/None	2335510.25856	0.0000	N/A: target amplitude 0	0.0000
13	PB20.13.33_Comb11Ch13	PB20.13.33/None	2409896.85524	0.0000	N/A: target amplitude 0	0.0000
14	PB20.13.33_Comb11Ch14	PB20.13.33/None	2580947.88063	0.0000	N/A: target amplitude 0	0.0000

15	PB20.13.33_Comb11Ch15	PB20.13.33/None	2654418.94997	0.0000	N/A: target amplitude 0	0.0000
16	PB20.13.33_Comb11Ch16	PB20.13.33/None	2747039.79958	0.0000	N/A: target amplitude 0	0.0000
17	PB20.13.33_Comb11Ch17	PB20.13.33/None	2821350.10231	0.0000	N/A: target amplitude 0	0.0000
18	PB20.13.33_Comb11Ch18	PB20.13.33/None	2865448.0027	0.0000	N/A: target amplitude 0	0.0000
20	PB20.13.33_Comb11Ch20	PB20.13.33/None	3039245.61013	0.0000	N/A: target amplitude 0	0.0000
21	PB20.13.33_Comb11Ch21	PB20.13.33/None	3117675.78591	0.0000	N/A: target amplitude 0	0.0000
22	PB20.13.33_Comb11Ch22	PB20.13.33/None	3185424.80934	0.0000	N/A: target amplitude 0	0.0000
23	PB20.13.33_Comb11Ch23	PB20.13.33/None	3270797.73415	0.0000	N/A: target amplitude 0	0.0000
24	PB20.13.33_Comb11Ch24	PB20.13.33/None	3347625.73708	0.0000	N/A: target amplitude 0	0.0000
25	PB20.13.33_Comb11Ch25	PB20.13.33/None	3473434.4529	0.0000	N/A: target amplitude 0	0.0000
26	PB20.13.33_Comb11Ch26	PB20.13.33/None	3660049.44313	0.0000	N/A: target amplitude 0	0.0000
27	PB20.13.33_Comb11Ch27	PB20.13.33/None	3742370.61013	0.0000	N/A: target amplitude 0	0.0000
28	PB20.13.33_Comb11Ch28	PB20.13.33/None	3822708.13454	0.0000	N/A: target amplitude 0	0.0000
29	PB20.13.33_Comb11Ch29	PB20.13.33/None	4044876.10329	0.0000	N/A: target amplitude 0	0.0000
30	PB20.13.33_Comb11Ch30	PB20.13.33/None	4158935.55153	0.0000	N/A: target amplitude 0	0.0000
31	PB20.13.33_Comb11Ch31	PB20.13.33/None	4237442.02126	0.0000	N/A: target amplitude 0	0.0000

32	PB20.13.33_Comb11Ch32	PB20.13.33/None	4279937.7488	0.0000	N/A: target amplitude 0	0.0000
33	PB20.13.33_Comb11Ch33	PB20.13.33/None	4386062.62673	0.0000	N/A: target amplitude 0	0.0000