

Bolometer tuning output (IV-algorithm)

Target Data

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|---------------------|---|
| Full target name | None.Dfmux(serial=0362).MGMEZZ04(2,None).ReadoutModule(2) |
| Reduced target name | IceBoard(0362).Mezz(2).ReadoutModule(2) |
| Date | Mon Feb 25 17:26:47 2019 |
| HWM used | 190221_run17b_hwm |
| Outcome | success |

Summary Of Results

| | |
|---|----|
| Number of successfully tuned bolometers | 0 |
| Number of bolos zeroed before start | 37 |
| Number of latched bolometers | 0 |
| Number of bolometers which didn't finish tuning | 0 |

Note

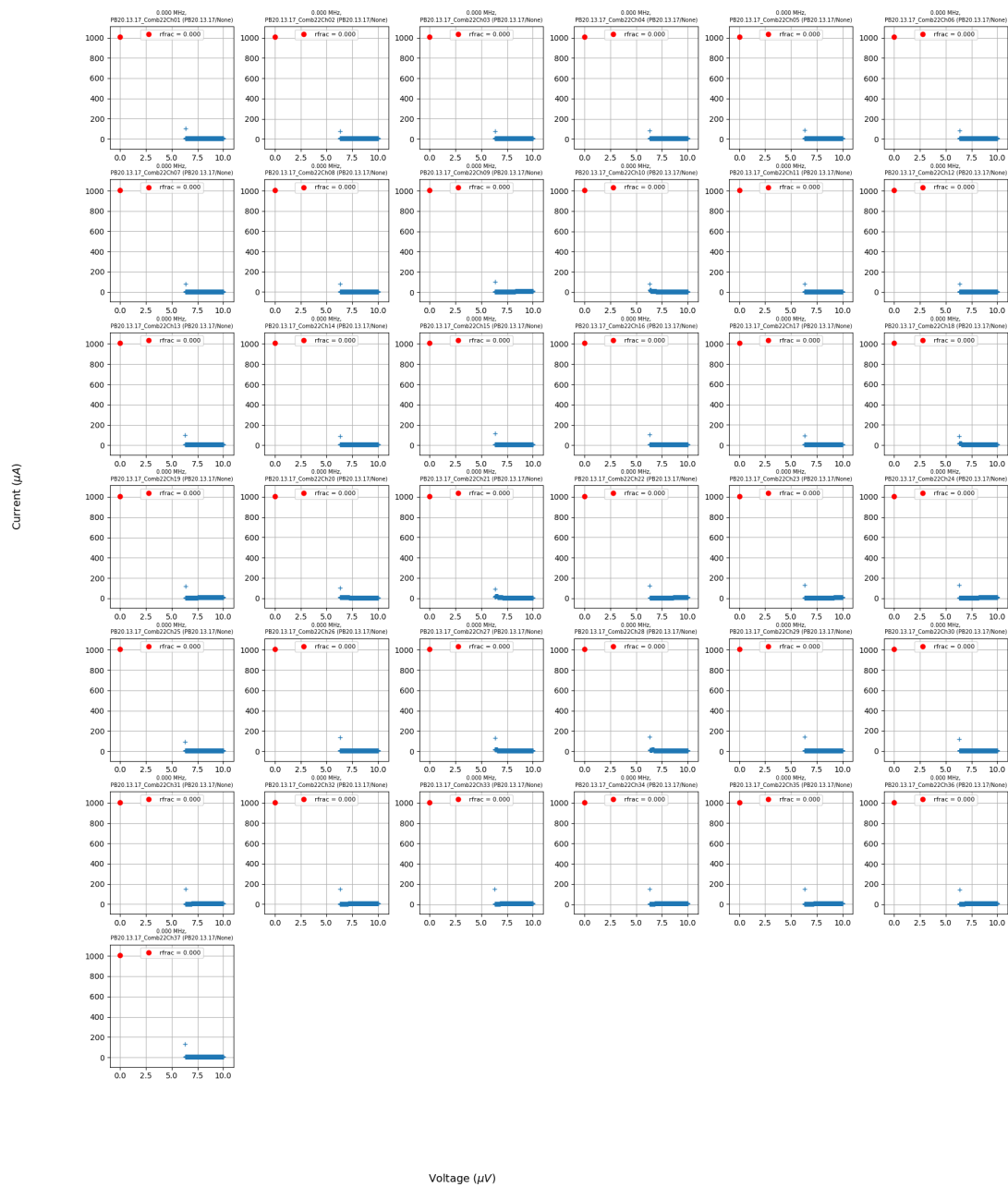
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

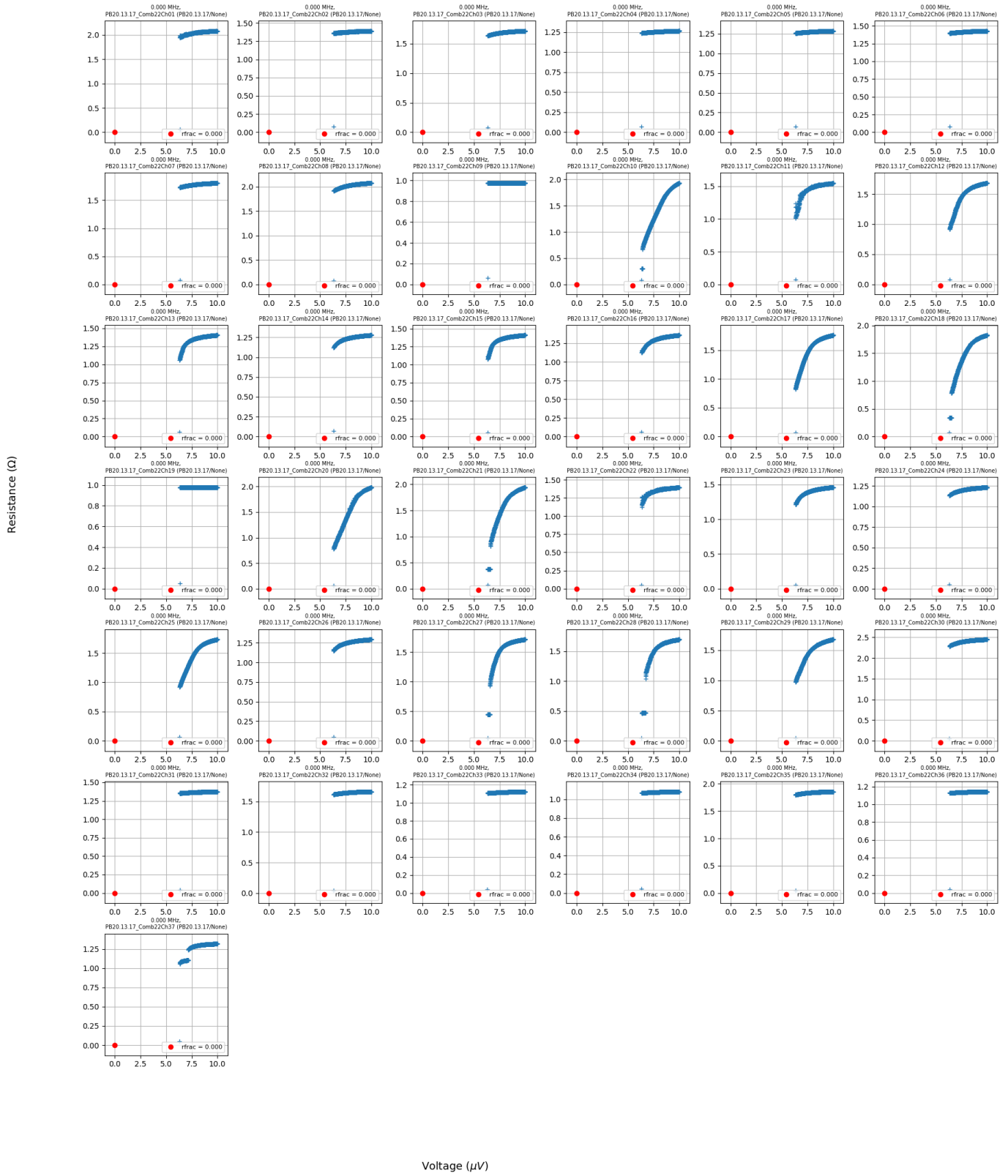
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

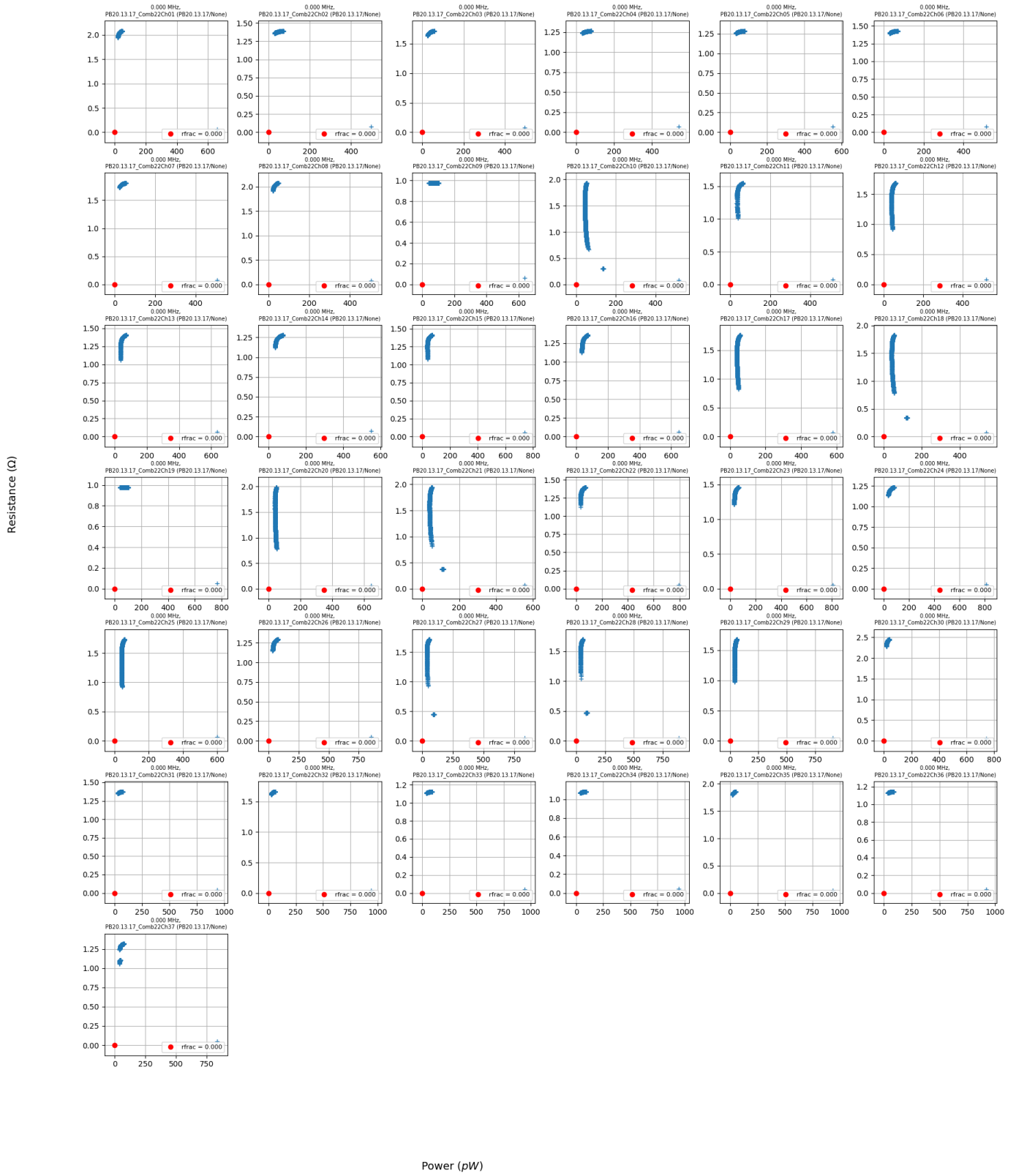
IV Curves for tuned bolometers, final state in red



RV Curves for tuned bolometers, final state in red



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



Detailed Summary

| Readout Channel | Bolometer | Physical Name | Bias Frequency [Hz] | Final Resistance [Ohms] | Target Rfrac | Acheived Rfrac |
|-----------------|------------------------|-----------------|---------------------|-------------------------|-------------------------|----------------|
| 1 | PB20.13.17_Comb22C h01 | PB20.13.17/None | 1658859.25759 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 2 | PB20.13.17_Comb22C h02 | PB20.13.17/None | 1694183.35427 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 3 | PB20.13.17_Comb22C h03 | PB20.13.17/None | 1726608.28102 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 4 | PB20.13.17_Comb22C h04 | PB20.13.17/None | 1785583.50075 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 5 | PB20.13.17_Comb22C h05 | PB20.13.17/None | 1848754.88747 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 6 | PB20.13.17_Comb22C h06 | PB20.13.17/None | 1904983.52516 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 7 | PB20.13.17_Comb22C h07 | PB20.13.17/None | 1951904.30153 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 8 | PB20.13.17_Comb22C h08 | PB20.13.17/None | 2006835.94216 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 9 | PB20.13.17_Comb22C h09 | PB20.13.17/None | 2119064.33571 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 10 | PB20.13.17_Comb22C h10 | PB20.13.17/None | 2186889.65309 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 11 | PB20.13.17_Comb22C h11 | PB20.13.17/None | 2249145.51247 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 12 | PB20.13.17_Comb22C h12 | PB20.13.17/None | 2311859.13552 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 13 | PB20.13.17_Comb22C h13 | PB20.13.17/None | 2362365.72731 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 14 | PB20.13.17_Comb22C h14 | PB20.13.17/None | 2426605.22927 | 0.0000 | N/A: target amplitude 0 | 0.0000 |

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|----|-------------------------------|---------------------|-------------------|--------|----------------------------|--------|
| 15 | PB20.13.17 _Comb22C h15 | PB20.13.17/ None | 2479858.40 309 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 16 | PB20.13.17 _Comb22C h16 | PB20.13.17/ None | 2575149.54 079 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 17 | PB20.13.17 _Comb22C h17 | PB20.13.17/ None | 2608795.17 067 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 18 | PB20.13.17 _Comb22C h18 | PB20.13.17/ None | 2680892.94 899 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 19 | PB20.13.17 _Comb22C h19 | PB20.13.17/ None | 2763595.58 571 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 20 | PB20.13.17 _Comb22C h20 | PB20.13.17/ None | 2846603.39 821 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 21 | PB20.13.17 _Comb22C h21 | PB20.13.17/ None | 2910308.84 255 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 22 | PB20.13.17 _Comb22C h22 | PB20.13.17/ None | 2991561.89 431 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 23 | PB20.13.17 _Comb22C h23 | PB20.13.17/ None | 3076477.05 544 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 24 | PB20.13.17 _Comb22C h24 | PB20.13.17/ None | 3150329.59 45 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 25 | PB20.13.17 _Comb22C h25 | PB20.13.17/ None | 3292770.39 04 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 26 | PB20.13.17 _Comb22C h26 | PB20.13.17/ None | 3359832.76 833 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 27 | PB20.13.17 _Comb22C h27 | PB20.13.17/ None | 3477020.26 833 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 28 | PB20.13.17 _Comb22C h28 | PB20.13.17/ None | 3537979.13 063 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 29 | PB20.13.17 _Comb22C h29 | PB20.13.17/ None | 3614807.13 356 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 30 | PB20.13.17 _Comb22C h30 | PB20.13.17/ None | 3726348.88 161 | 0.0000 | N/A: target amplitude 0 | 0.0000 |

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| 31 | PB20.13.17 _Comb22C h31 | PB20.13.17/ None | 3828659.06 227 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 32 | PB20.13.17 _Comb22C h32 | PB20.13.17/ None | 3884048.46 657 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 33 | PB20.13.17 _Comb22C h33 | PB20.13.17/ None | 4003906.25 466 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 34 | PB20.13.17 _Comb22C h34 | PB20.13.17/ None | 4069213.87 184 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 35 | PB20.13.17 _Comb22C h35 | PB20.13.17/ None | 4192733.76 931 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 36 | PB20.13.17 _Comb22C h36 | PB20.13.17/ None | 4273529.05 739 | 0.0000 | N/A: target amplitude 0 | 0.0000 |
| 37 | PB20.13.17 _Comb22C h37 | PB20.13.17/ None | 4388656.62 087 | 0.0000 | N/A: target amplitude 0 | 0.0000 |