

Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0028).MGMEZZ04(2,None).ReadoutModule(4)
Reduced target name	IceBoard(0028).Mezz(2).ReadoutModule(4)
Date	Sun Aug 6 21:34:12 2017
HWM used	Hwm
Outcome	success

Summary Of Results

Number of successfully tuned bolometers	56
Number of bolos zeroed before start	0
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.

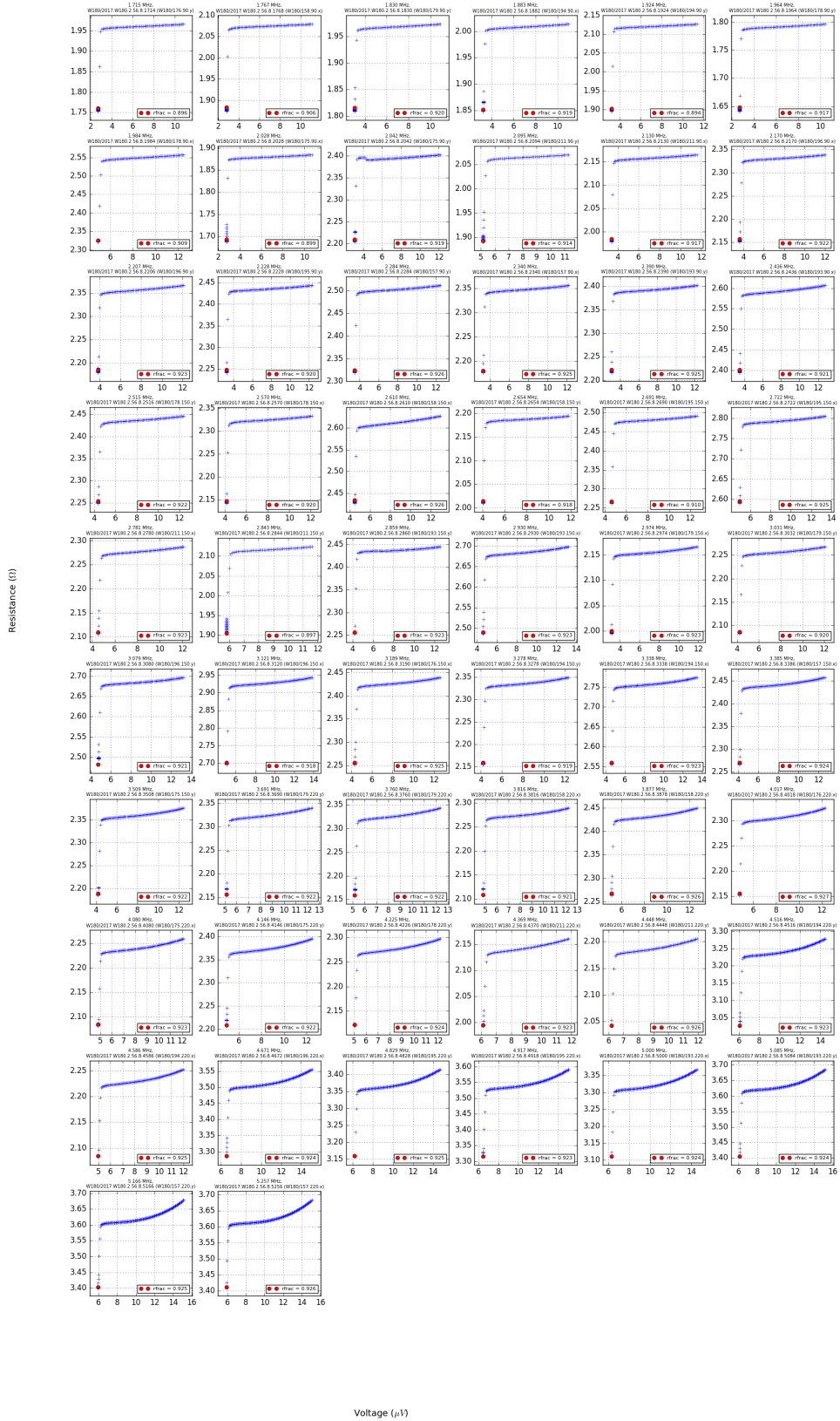
To convert Current or Voltage to RMS, divide by $\sqrt{2}$.

Plots

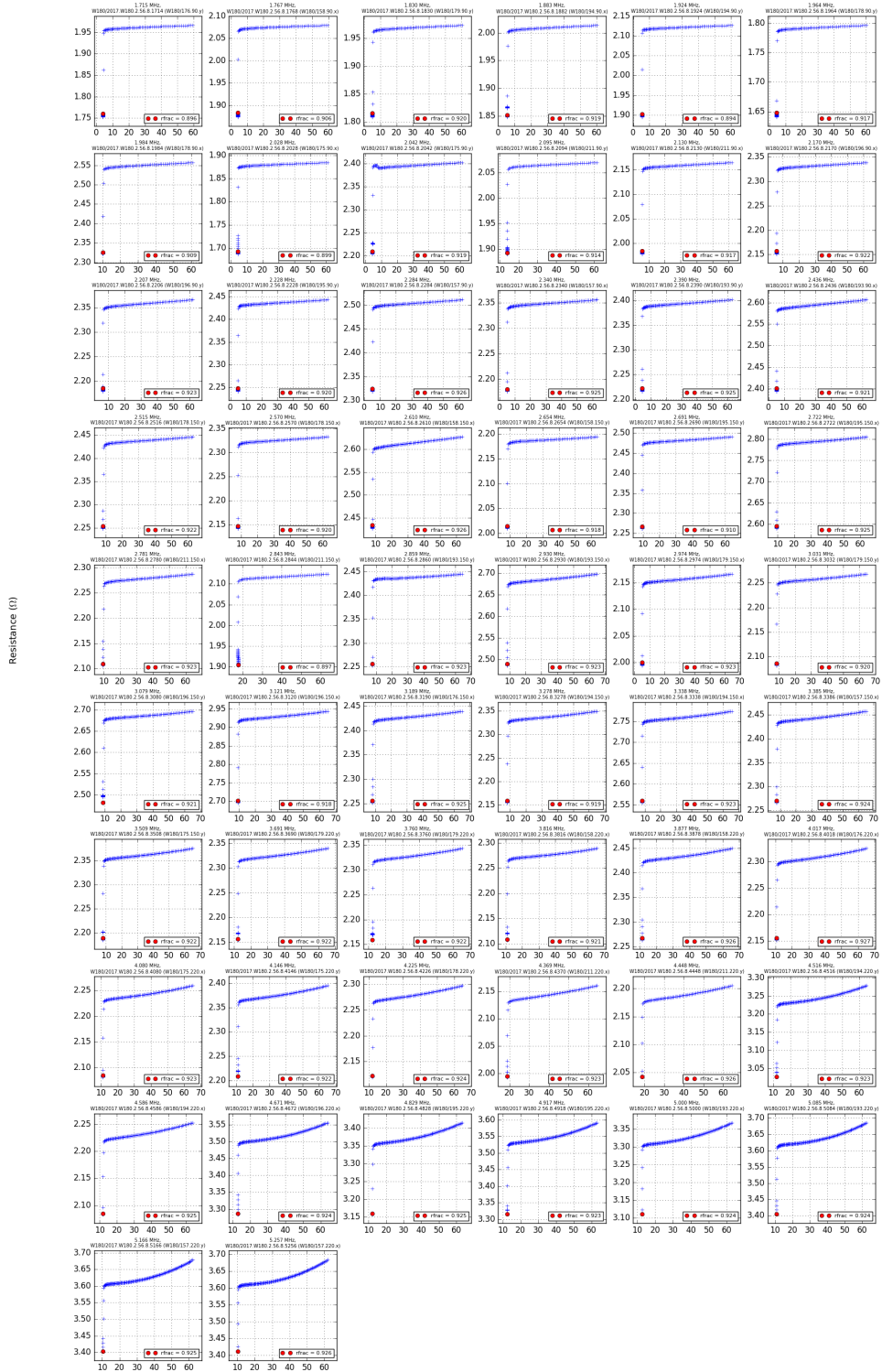
IV Curves for tuned bolometers, final state in red



RV Curves for tuned bolometers, final state in red



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



Power (μW)

Detailed Summary

Readout Channel	Bolometer	Physical Name	Bias Frequency [Hz]	Final Resistance [Ohms]	Target Rfrac	Acheived Rfrac
1	W180/2017. W180.2.56. 8.1714	W180/176.9 0.y	1714782.71 95	1.7610	0.9	0.8956
2	W180/2017. W180.2.56. 8.1768	W180/158.9 0.x	1767044.07 204	1.8833	0.9	0.9057
3	W180/2017. W180.2.56. 8.1830	W180/179.9 0.y	1829605.10 72	1.8151	0.9	0.9197
4	W180/2017. W180.2.56. 8.1882	W180/194.9 0.x	1882553.10 524	1.8511	0.9	0.9193
5	W180/2017. W180.2.56. 8.1924	W180/194.9 0.y	1923980.71 755	1.9018	0.9	0.8944
6	W180/2017. W180.2.56. 8.1964	W180/178.9 0.y	1963500.98 122	1.6477	0.9	0.9171
7	W180/2017. W180.2.56. 8.1984	W180/178.9 0.x	1983642.58 278	2.3252	0.9	0.9092
8	W180/2017. W180.2.56. 8.2028	W180/175.9 0.x	2027511.60 134	1.6934	0.9	0.8987
9	W180/2017. W180.2.56. 8.2042	W180/175.9 0.y	2041778.56 911	2.2090	0.9	0.9194
10	W180/2017. W180.2.56. 8.2094	W180/211.9 0.y	2094650.27 321	1.8924	0.9	0.9143
11	W180/2017. W180.2.56. 8.2130	W180/211.9 0.x	2130126.95 778	1.9842	0.9	0.9166
12	W180/2017. W180.2.56. 8.2170	W180/196.9 0.x	2170257.57 302	2.1568	0.9	0.9222
13	W180/2017. W180.2.56. 8.2206	W180/196.9 0.y	2206954.96 071	2.1850	0.9	0.9233
14	W180/2017. W180.2.56. 8.2228	W180/195.9 0.y	2227935.79 567	2.2480	0.9	0.9202

15	W180/2017. W180.2.56. 8.2284	W180/157.9 0.y	2283859.25 759	2.3248	0.9	0.9256
16	W180/2017. W180.2.56. 8.2340	W180/157.9 0.x	2340316.77 712	2.1804	0.9	0.9255
17	W180/2017. W180.2.56. 8.2390	W180/193.9 0.y	2389984.13 552	2.2222	0.9	0.9252
18	W180/2017. W180.2.56. 8.2436	W180/193.9 0.x	2435989.38 454	2.4010	0.9	0.9211
19	W180/2017. W180.2.56. 8.2516	W180/178.1 50.y	2515106.20 583	2.2542	0.9	0.9217
20	W180/2017. W180.2.56. 8.2570	W180/178.1 50.x	2570114.14 04	2.1472	0.9	0.9203
21	W180/2017. W180.2.56. 8.2610	W180/158.1 50.x	2610168.46 169	2.4334	0.9	0.9262
22	W180/2017. W180.2.56. 8.2654	W180/158.1 50.y	2654190.06 813	2.0145	0.9	0.9182
23	W180/2017. W180.2.56. 8.2690	W180/195.1 50.y	2690734.86 794	2.2669	0.9	0.9101
24	W180/2017. W180.2.56. 8.2722	W180/195.1 50.x	2721786.50 368	2.5955	0.9	0.9254
25	W180/2017. W180.2.56. 8.2780	W180/211.1 50.x	2780609.13 552	2.1103	0.9	0.9225
26	W180/2017. W180.2.56. 8.2844	W180/211.1 50.y	2843475.34 645	1.9043	0.9	0.8967
27	W180/2017. W180.2.56. 8.2860	W180/193.1 50.y	2859344.48 708	2.2569	0.9	0.9232
28	W180/2017. W180.2.56. 8.2930	W180/193.1 50.x	2930297.85 622	2.4907	0.9	0.9232
29	W180/2017. W180.2.56. 8.2974	W180/179.1 50.x	2974014.28 688	1.9997	0.9	0.9229
30	W180/2017. W180.2.56. 8.3032	W180/179.1 50.y	3031387.33 376	2.0864	0.9	0.9200

31	W180/2017. W180.2.56. 8.3080	W180/196.1 50.y	3079376.22 536	2.4826	0.9	0.9207
32	W180/2017. W180.2.56. 8.3120	W180/196.1 50.x	3120803.83 766	2.7013	0.9	0.9176
33	W180/2017. W180.2.56. 8.3190	W180/176.1 50.x	3189315.80 056	2.2557	0.9	0.9247
34	W180/2017. W180.2.56. 8.3278	W180/194.1 50.y	3277893.07 106	2.1592	0.9	0.9189
35	W180/2017. W180.2.56. 8.3338	W180/194.1 50.x	3338012.69 997	2.5596	0.9	0.9227
36	W180/2017. W180.2.56. 8.3386	W180/157.1 50.x	3385391.24 001	2.2703	0.9	0.9239
37	W180/2017. W180.2.56. 8.3508	W180/175.1 50.y	3508911.13 747	2.1893	0.9	0.9216
38	W180/2017. W180.2.56. 8.3690	W180/179.2 20.y	3690719.60 915	2.1562	0.9	0.9216
39	W180/2017. W180.2.56. 8.3760	W180/179.2 20.x	3759994.51 149	2.1595	0.9	0.9215
40	W180/2017. W180.2.56. 8.3816	W180/158.2 20.x	3815689.09 157	2.1089	0.9	0.9214
41	W180/2017. W180.2.56. 8.3878	W180/158.2 20.y	3877029.42 36	2.2671	0.9	0.9256
42	W180/2017. W180.2.56. 8.4018	W180/176.2 20.x	4017181.40 114	2.1546	0.9	0.9267
43	W180/2017. W180.2.56. 8.4080	W180/175.2 20.x	4080047.61 208	2.0851	0.9	0.9229
44	W180/2017. W180.2.56. 8.4146	W180/175.2 20.y	4145660.40 505	2.2092	0.9	0.9225
45	W180/2017. W180.2.56. 8.4226	W180/178.2 20.y	4225311.28 395	2.1228	0.9	0.9241
46	W180/2017. W180.2.56. 8.4370	W180/211.2 20.x	4369354.25 27	1.9947	0.9	0.9232

47	W180/2017. W180.2.56. 8.4448	W180/211.2 20.y	4447860.72 243	2.0430	0.9	0.9264
48	W180/2017. W180.2.56. 8.4516	W180/194.2 20.y	4516448.97 927	3.0271	0.9	0.9233
49	W180/2017. W180.2.56. 8.4586	W180/194.2 20.x	4586181.64 528	2.0845	0.9	0.9252
50	W180/2017. W180.2.56. 8.4672	W180/196.2 20.x	4671020.51 247	3.2865	0.9	0.9243
51	W180/2017. W180.2.56. 8.4828	W180/195.2 20.y	4828567.50 954	3.1600	0.9	0.9252
52	W180/2017. W180.2.56. 8.4918	W180/195.2 20.x	4917068.48 61	3.3159	0.9	0.9234
53	W180/2017. W180.2.56. 8.5000	W180/193.2 20.x	4999847.41 677	3.1114	0.9	0.9240
54	W180/2017. W180.2.56. 8.5084	W180/193.2 20.y	5084991.45 973	3.4050	0.9	0.9239
55	W180/2017. W180.2.56. 8.5166	W180/157.2 20.y	5166244.51 149	3.4037	0.9	0.9253
56	W180/2017. W180.2.56. 8.5256	W180/157.2 20.x	5256729.13 063	3.4123	0.9	0.9262