Bolometer tuning output (IV-algorithm)

Target Data

Full target name	None.Dfmux(serial=0028).MGMEZZ04(1,None).ReadoutModule(3)
Reduced target name	IceBoard(0028).Mezz(1).ReadoutModule(3)
Date	Sun Aug 6 21:33:54 2017
HWM used	Hwm
Outcome	success

Summary Of Results	
Number of successfully tuned bolometers	58
Number of bolos zeroed before start	0
Number of latched bolometers	2
Number of bolometers which didn't finish tuning	0

Note

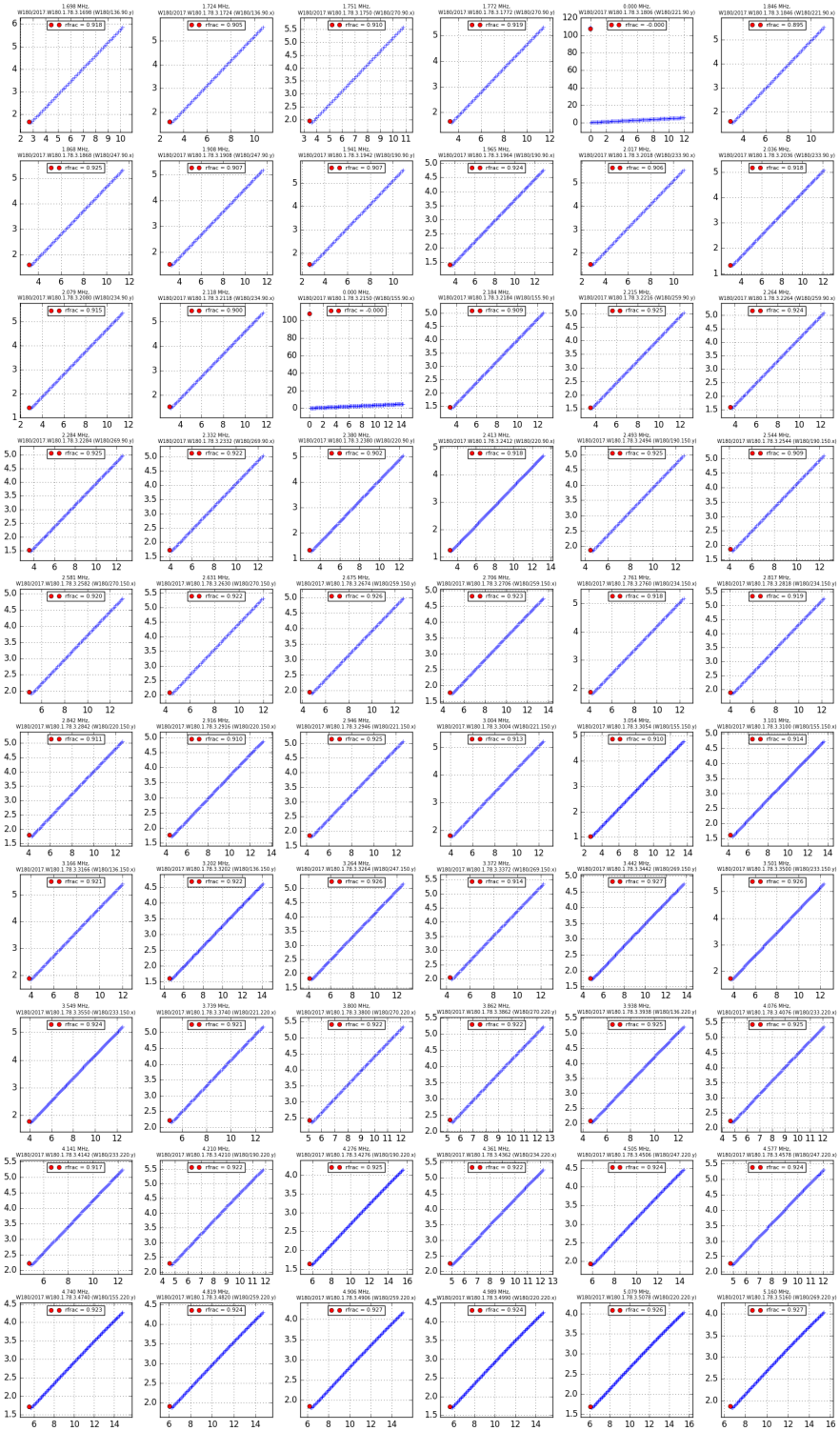
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

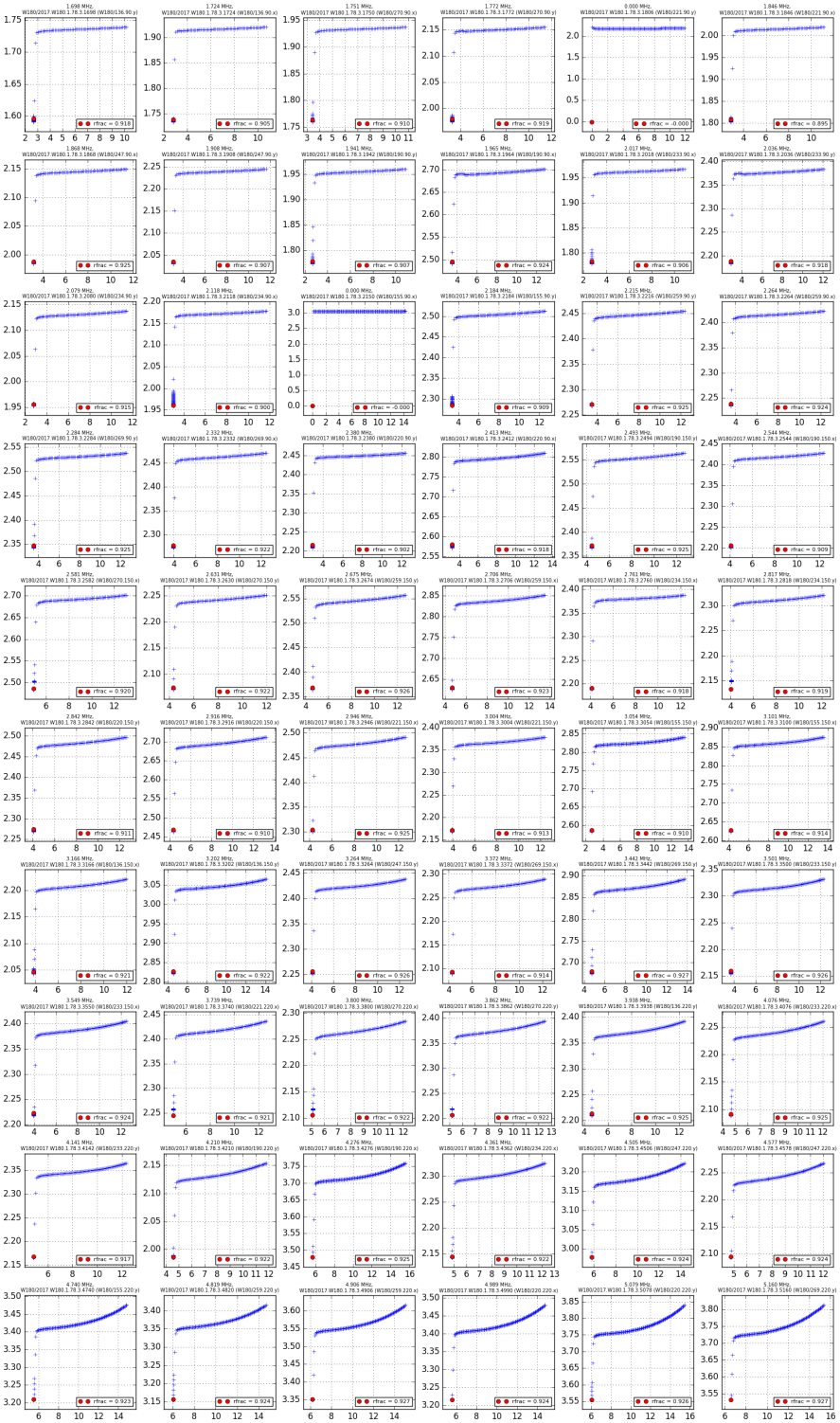
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

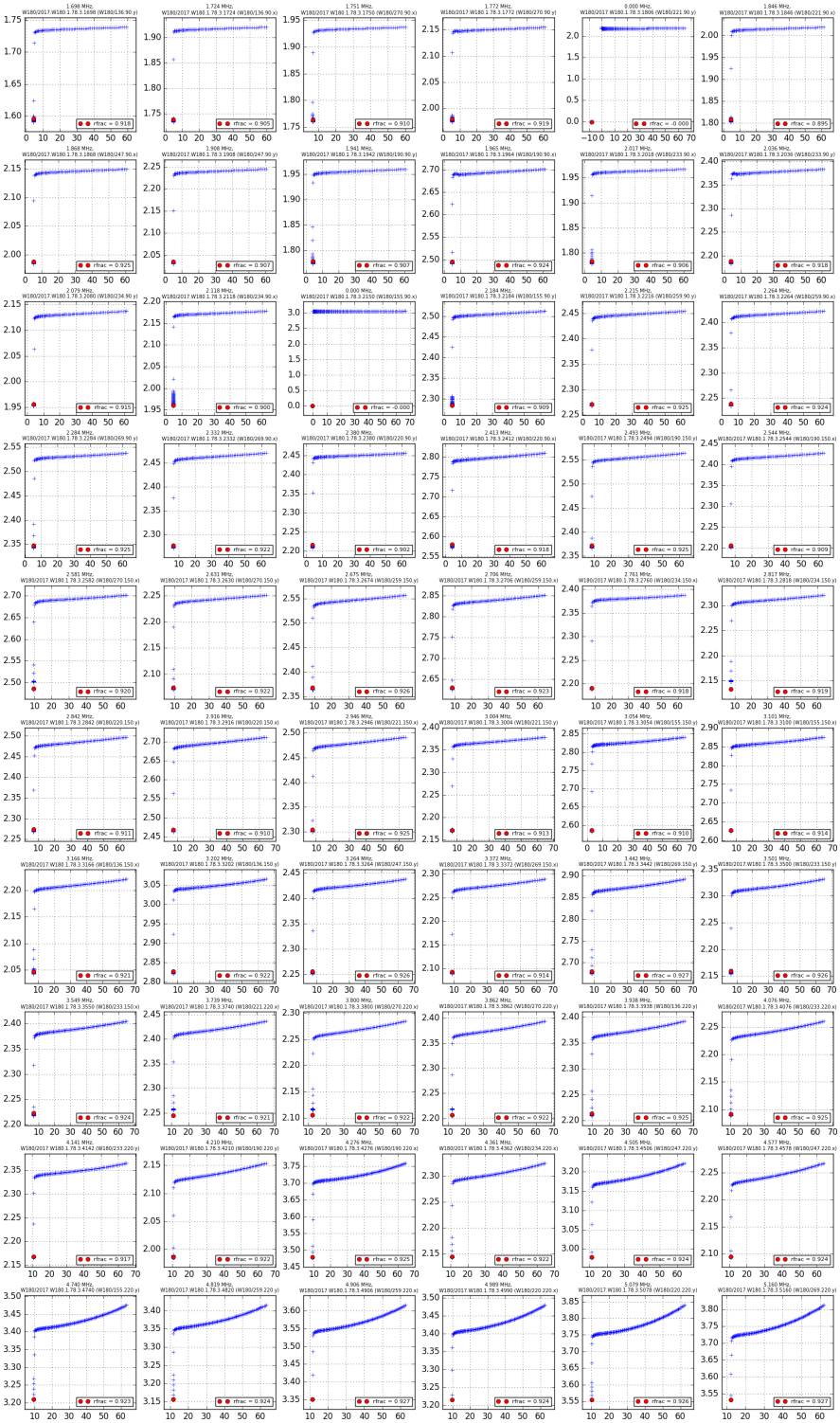
IV Curves for tuned bolometers, final state in red



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	W180/2017.W180.1.78.3.1698	W180/136.90.y	1697692.87575	1.5960	0.9	0.9179
2	W180/2017.W180.1.78.3.1724	W180/136.90.x	1723785.40505	1.7386	0.9	0.9051
3	W180/2017.W180.1.78.3.1750	W180/270.90.x	1750640.8738	1.7634	0.9	0.9104
4	W180/2017.W180.1.78.3.1772	W180/270.90.y	1772308.35427	1.9794	0.9	0.9187
5	W180/2017.W180.1.78.3.1806	W180/221.90.y	1806869.51149	-0.0007	0.9	-0.0003
6	W180/2017.W180.1.78.3.1846	W180/221.90.x	1845703.12966	1.8075	0.9	0.8954
7	W180/2017.W180.1.78.3.1868	W180/247.90.x	1867904.66774	1.9878	0.9	0.9248
8	W180/2017.W180.1.78.3.1908	W180/247.90.y	1908264.16481	2.0352	0.9	0.9067
9	W180/2017.W180.1.78.3.1942	W180/190.90.y	1941223.14919	1.7779	0.9	0.9071
10	W180/2017.W180.1.78.3.1964	W180/190.90.x	1964874.27223	2.4954	0.9	0.9238
11	W180/2017.W180.1.78.3.2018	W180/233.90.x	2017211.91872	1.7831	0.9	0.9063
12	W180/2017.W180.1.78.3.2036	W180/233.90.y	2035903.93532	2.1878	0.9	0.9178
13	W180/2017.W180.1.78.3.2080	W180/234.90.y	2079391.48415	1.9558	0.9	0.9150
14	W180/2017.W180.1.78.3.2118	W180/234.90.x	2117691.0447	1.9607	0.9	0.9004

15	W180/2017.W180.1.78.3.2150	W180/155.90.x	2150268.55934	-0.0000	0.9	-0.0000
16	W180/2017.W180.1.78.3.2184	W180/155.90.y	2183609.01345	2.2843	0.9	0.9093
17	W180/2017.W180.1.78.3.2216	W180/259.90.y	2215499.88259	2.2712	0.9	0.9253
18	W180/2017.W180.1.78.3.2264	W180/259.90.x	2264022.83181	2.2391	0.9	0.9243
19	W180/2017.W180.1.78.3.2284	W180/269.90.y	2283630.37575	2.3476	0.9	0.9253
20	W180/2017.W180.1.78.3.2332	W180/269.90.x	2332305.91286	2.2772	0.9	0.9219
21	W180/2017.W180.1.78.3.2380	W180/220.90.y	2380371.09841	2.2153	0.9	0.9020
22	W180/2017.W180.1.78.3.2412	W180/220.90.x	2412872.31911	2.5795	0.9	0.9181
23	W180/2017.W180.1.78.3.2494	W180/190.150.y	2493362.43141	2.3717	0.9	0.9249
24	W180/2017.W180.1.78.3.2544	W180/190.150.x	2544097.90505	2.2069	0.9	0.9091
25	W180/2017.W180.1.78.3.2582	W180/270.150.x	2581405.64431	2.4863	0.9	0.9204
26	W180/2017.W180.1.78.3.2630	W180/270.150.y	2630615.23903	2.0745	0.9	0.9216
27	W180/2017.W180.1.78.3.2674	W180/259.150.y	2674789.43337	2.3682	0.9	0.9261
28	W180/2017.W180.1.78.3.2706	W180/259.150.x	2705917.36306	2.6308	0.9	0.9228
29	W180/2017.W180.1.78.3.2760	W180/234.150.x	2760849.00368	2.1913	0.9	0.9178
30	W180/2017.W180.1.78.3.2818	W180/234.150.y	2817382.81716	2.1337	0.9	0.9195

31	W180/2017.W180.1.78.3.2842	W180/220.150.y	2842102.05544	2.2742	0.9	0.9109
32	W180/2017.W180.1.78.3.2916	W180/220.150.x	2915954.5945	2.4688	0.9	0.9104
33	W180/2017.W180.1.78.3.2946	W180/221.150.x	2945861.82106	2.3045	0.9	0.9250
34	W180/2017.W180.1.78.3.3004	W180/221.150.y	3004302.98317	2.1714	0.9	0.9129
35	W180/2017.W180.1.78.3.3054	W180/155.150.y	3054275.51735	2.5863	0.9	0.9103
36	W180/2017.W180.1.78.3.3100	W180/155.150.x	3100967.41188	2.6274	0.9	0.9137
37	W180/2017.W180.1.78.3.3166	W180/136.150.x	3165512.08962	2.0466	0.9	0.9213
38	W180/2017.W180.1.78.3.3202	W180/136.150.y	3201599.12575	2.8268	0.9	0.9224
39	W180/2017.W180.1.78.3.3264	W180/247.150.y	3264312.7488	2.2563	0.9	0.9255
40	W180/2017.W180.1.78.3.3372	W180/269.150.x	3371505.74196	2.0929	0.9	0.9142
41	W180/2017.W180.1.78.3.3442	W180/269.150.y	3442077.64138	2.6798	0.9	0.9267
42	W180/2017.W180.1.78.3.3500	W180/233.150.y	3500747.68532	2.1593	0.9	0.9260
43	W180/2017.W180.1.78.3.3550	W180/233.150.x	3549346.92848	2.2224	0.9	0.9239
44	W180/2017.W180.1.78.3.3740	W180/221.220.x	3739013.67653	2.2446	0.9	0.9212
45	W180/2017.W180.1.78.3.3800	W180/270.220.x	3800430.30251	2.1056	0.9	0.9215
46	W180/2017.W180.1.78.3.3862	W180/270.220.y	3862228.39821	2.2063	0.9	0.9215

47	W180/2017.W180.1.78.3.3938	W180/136.220.y	3938369.75563	2.2127	0.9	0.9248
48	W180/2017.W180.1.78.3.4076	W180/233.220.x	4076080.32692	2.0912	0.9	0.9250
49	W180/2017.W180.1.78.3.4142	W180/233.220.y	4141082.76833	2.1683	0.9	0.9169
50	W180/2017.W180.1.78.3.4210	W180/190.220.y	4210281.37673	1.9866	0.9	0.9223
51	W180/2017.W180.1.78.3.4276	W180/190.220.x	4275588.99391	3.4790	0.9	0.9253
52	W180/2017.W180.1.78.3.4362	W180/234.220.x	4361114.50661	2.1442	0.9	0.9222
53	W180/2017.W180.1.78.3.4506	W180/247.220.y	4505310.06325	2.9791	0.9	0.9244
54	W180/2017.W180.1.78.3.4578	W180/247.220.x	4577484.13552	2.0951	0.9	0.9240
55	W180/2017.W180.1.78.3.4740	W180/155.220.y	4740142.82692	3.2093	0.9	0.9235
56	W180/2017.W180.1.78.3.4820	W180/259.220.y	4819412.2361	3.1564	0.9	0.9241
57	W180/2017.W180.1.78.3.4906	W180/259.220.x	4906463.6277	3.3509	0.9	0.9266
58	W180/2017.W180.1.78.3.4990	W180/220.220.x	4989242.55837	3.2152	0.9	0.9239
59	W180/2017.W180.1.78.3.5078	W180/220.220.y	5078811.65016	3.5549	0.9	0.9259
60	W180/2017.W180.1.78.3.5160	W180/269.220.y	5160064.70192	3.5331	0.9	0.9267