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 17:56:25 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	0
Number of bolometers which didn't finish tuning	0

Note

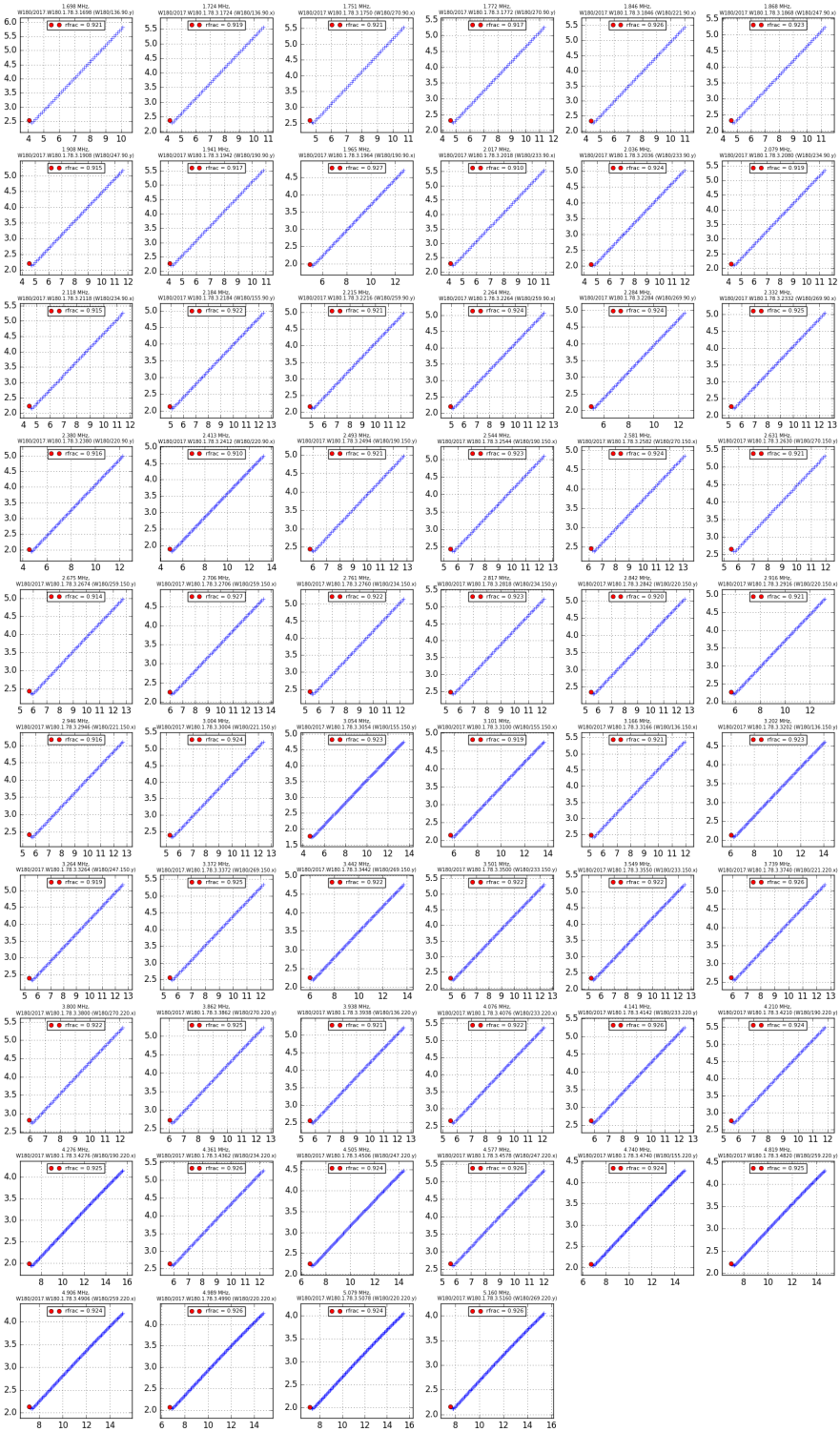
All Current, Voltage, and Power quantities expressed as Peak Amplitudes.

To convert Power values to RMS, divide by 2.

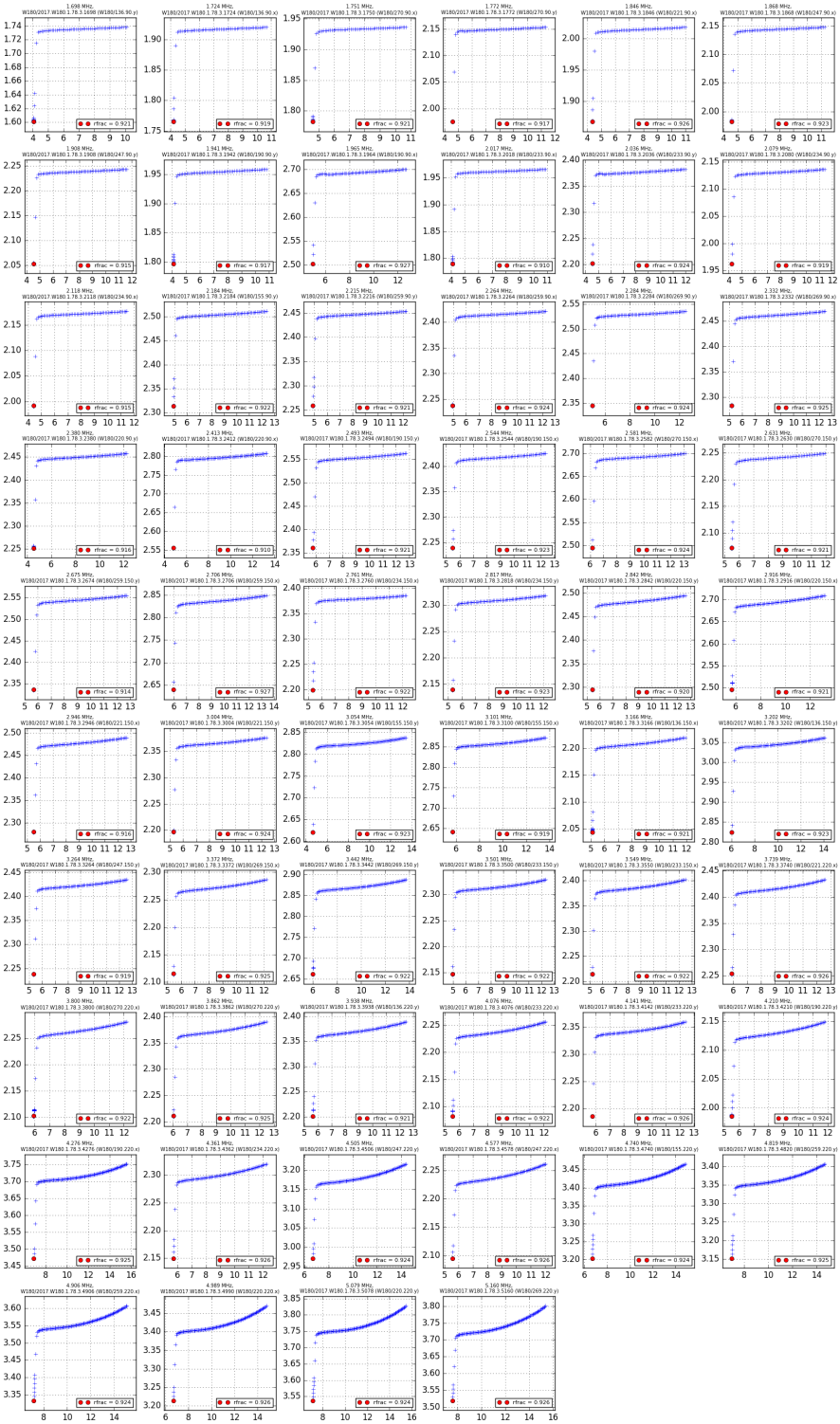
To convert Current or Voltage to RMS, divide by sqrt(2).

Plots

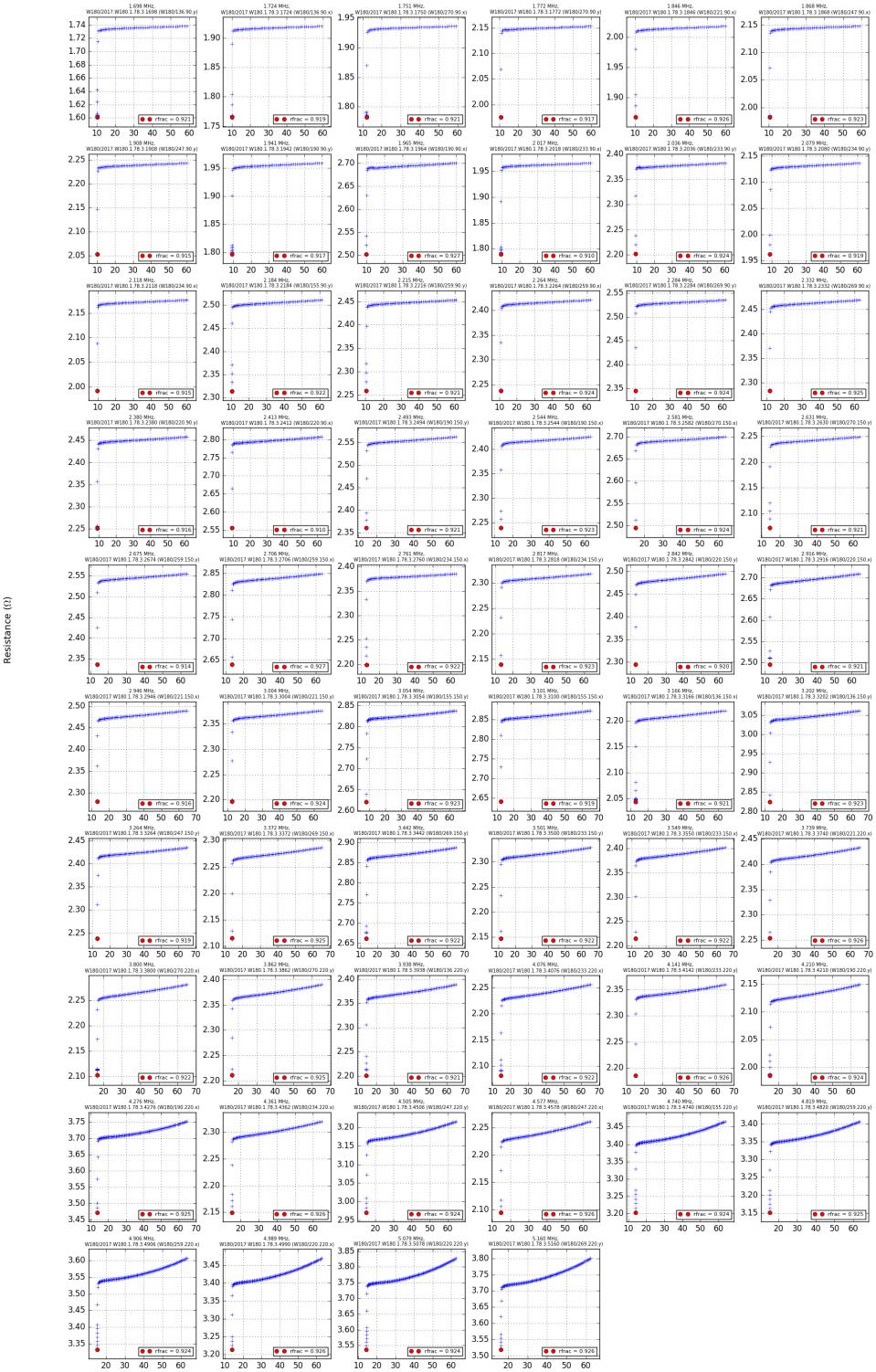
IV Curves for tuned bolometers, final state in red



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	W180/2017.W180.1.78.3.1698	W180/136.90.y	1697692.87575	1.6007	0.9	0.9208
2	W180/2017.W180.1.78.3.1724	W180/136.90.x	1723785.40505	1.7648	0.9	0.9191
3	W180/2017.W180.1.78.3.1750	W180/270.90.x	1750640.8738	1.7826	0.9	0.9207
4	W180/2017.W180.1.78.3.1772	W180/270.90.y	1772308.35427	1.9752	0.9	0.9171
6	W180/2017.W180.1.78.3.1846	W180/221.90.x	1845703.12966	1.8677	0.9	0.9256
7	W180/2017.W180.1.78.3.1868	W180/247.90.x	1867904.66774	1.9821	0.9	0.9226
8	W180/2017.W180.1.78.3.1908	W180/247.90.y	1908264.16481	2.0534	0.9	0.9152
9	W180/2017.W180.1.78.3.1942	W180/190.90.y	1941223.14919	1.7968	0.9	0.9172
10	W180/2017.W180.1.78.3.1964	W180/190.90.x	1964874.27223	2.5017	0.9	0.9266
11	W180/2017.W180.1.78.3.2018	W180/233.90.x	2017211.91872	1.7893	0.9	0.9100
12	W180/2017.W180.1.78.3.2036	W180/233.90.y	2035903.93532	2.2014	0.9	0.9240
13	W180/2017.W180.1.78.3.2080	W180/234.90.y	2079391.48415	1.9624	0.9	0.9186
14	W180/2017.W180.1.78.3.2118	W180/234.90.x	2117691.0447	1.9917	0.9	0.9151
16	W180/2017.W180.1.78.3.2184	W180/155.90.y	2183609.01345	2.3142	0.9	0.9217

17	W180/2017.W180.1.78.3.2216	W180/259.90.y	2215499.88259	2.2585	0.9	0.9207
18	W180/2017.W180.1.78.3.2264	W180/259.90.x	2264022.83181	2.2368	0.9	0.9239
19	W180/2017.W180.1.78.3.2284	W180/269.90.y	2283630.37575	2.3441	0.9	0.9244
20	W180/2017.W180.1.78.3.2332	W180/269.90.x	2332305.91286	2.2839	0.9	0.9251
21	W180/2017.W180.1.78.3.2380	W180/220.90.y	2380371.09841	2.2513	0.9	0.9160
22	W180/2017.W180.1.78.3.2412	W180/220.90.x	2412872.31911	2.5558	0.9	0.9102
23	W180/2017.W180.1.78.3.2494	W180/190.150.y	2493362.43141	2.3605	0.9	0.9212
24	W180/2017.W180.1.78.3.2544	W180/190.150.x	2544097.90505	2.2389	0.9	0.9230
25	W180/2017.W180.1.78.3.2582	W180/270.150.x	2581405.64431	2.4948	0.9	0.9243
26	W180/2017.W180.1.78.3.2630	W180/270.150.y	2630615.23903	2.0723	0.9	0.9213
27	W180/2017.W180.1.78.3.2674	W180/259.150.y	2674789.43337	2.3358	0.9	0.9141
28	W180/2017.W180.1.78.3.2706	W180/259.150.x	2705917.36306	2.6400	0.9	0.9267
29	W180/2017.W180.1.78.3.2760	W180/234.150.x	2760849.00368	2.1988	0.9	0.9217
30	W180/2017.W180.1.78.3.2818	W180/234.150.y	2817382.81716	2.1390	0.9	0.9226
31	W180/2017.W180.1.78.3.2842	W180/220.150.y	2842102.05544	2.2950	0.9	0.9200
32	W180/2017.W180.1.78.3.2916	W180/220.150.x	2915954.5945	2.4954	0.9	0.9211

33	W180/2017.W180.1.78.3.2946	W180/221.150.x	2945861.82106	2.2799	0.9	0.9160
34	W180/2017.W180.1.78.3.3004	W180/221.150.y	3004302.98317	2.1963	0.9	0.9244
35	W180/2017.W180.1.78.3.3054	W180/155.150.y	3054275.51735	2.6205	0.9	0.9233
36	W180/2017.W180.1.78.3.3100	W180/155.150.x	3100967.41188	2.6404	0.9	0.9191
37	W180/2017.W180.1.78.3.3166	W180/136.150.x	3165512.08962	2.0441	0.9	0.9210
38	W180/2017.W180.1.78.3.3202	W180/136.150.y	3201599.12575	2.8250	0.9	0.9229
39	W180/2017.W180.1.78.3.3264	W180/247.150.y	3264312.7488	2.2383	0.9	0.9192
40	W180/2017.W180.1.78.3.3372	W180/269.150.x	3371505.74196	2.1149	0.9	0.9249
41	W180/2017.W180.1.78.3.3442	W180/269.150.y	3442077.64138	2.6625	0.9	0.9218
42	W180/2017.W180.1.78.3.3500	W180/233.150.y	3500747.68532	2.1473	0.9	0.9221
43	W180/2017.W180.1.78.3.3550	W180/233.150.x	3549346.92848	2.2151	0.9	0.9222
44	W180/2017.W180.1.78.3.3740	W180/221.220.x	3739013.67653	2.2538	0.9	0.9264
45	W180/2017.W180.1.78.3.3800	W180/270.220.x	3800430.30251	2.1023	0.9	0.9215
46	W180/2017.W180.1.78.3.3862	W180/270.220.y	3862228.39821	2.2117	0.9	0.9253
47	W180/2017.W180.1.78.3.3938	W180/136.220.y	3938369.75563	2.2010	0.9	0.9215
48	W180/2017.W180.1.78.3.4076	W180/233.220.x	4076080.32692	2.0811	0.9	0.9222

49	W180/2017.W180.1.78.3.4142	W180/233.220.y	4141082.76833	2.1854	0.9	0.9260
50	W180/2017.W180.1.78.3.4210	W180/190.220.y	4210281.37673	1.9858	0.9	0.9238
51	W180/2017.W180.1.78.3.4276	W180/190.220.x	4275588.99391	3.4722	0.9	0.9253
52	W180/2017.W180.1.78.3.4362	W180/234.220.x	4361114.50661	2.1494	0.9	0.9264
53	W180/2017.W180.1.78.3.4506	W180/247.220.y	4505310.06325	2.9708	0.9	0.9237
54	W180/2017.W180.1.78.3.4578	W180/247.220.x	4577484.13552	2.0953	0.9	0.9263
55	W180/2017.W180.1.78.3.4740	W180/155.220.y	4740142.82692	3.2025	0.9	0.9239
56	W180/2017.W180.1.78.3.4820	W180/259.220.y	4819412.2361	3.1515	0.9	0.9251
57	W180/2017.W180.1.78.3.4906	W180/259.220.x	4906463.6277	3.3328	0.9	0.9240
58	W180/2017.W180.1.78.3.4990	W180/220.220.x	4989242.55837	3.2144	0.9	0.9265
59	W180/2017.W180.1.78.3.5078	W180/220.220.y	5078811.65016	3.5372	0.9	0.9242
60	W180/2017.W180.1.78.3.5160	W180/269.220.y	5160064.70192	3.5194	0.9	0.9260