

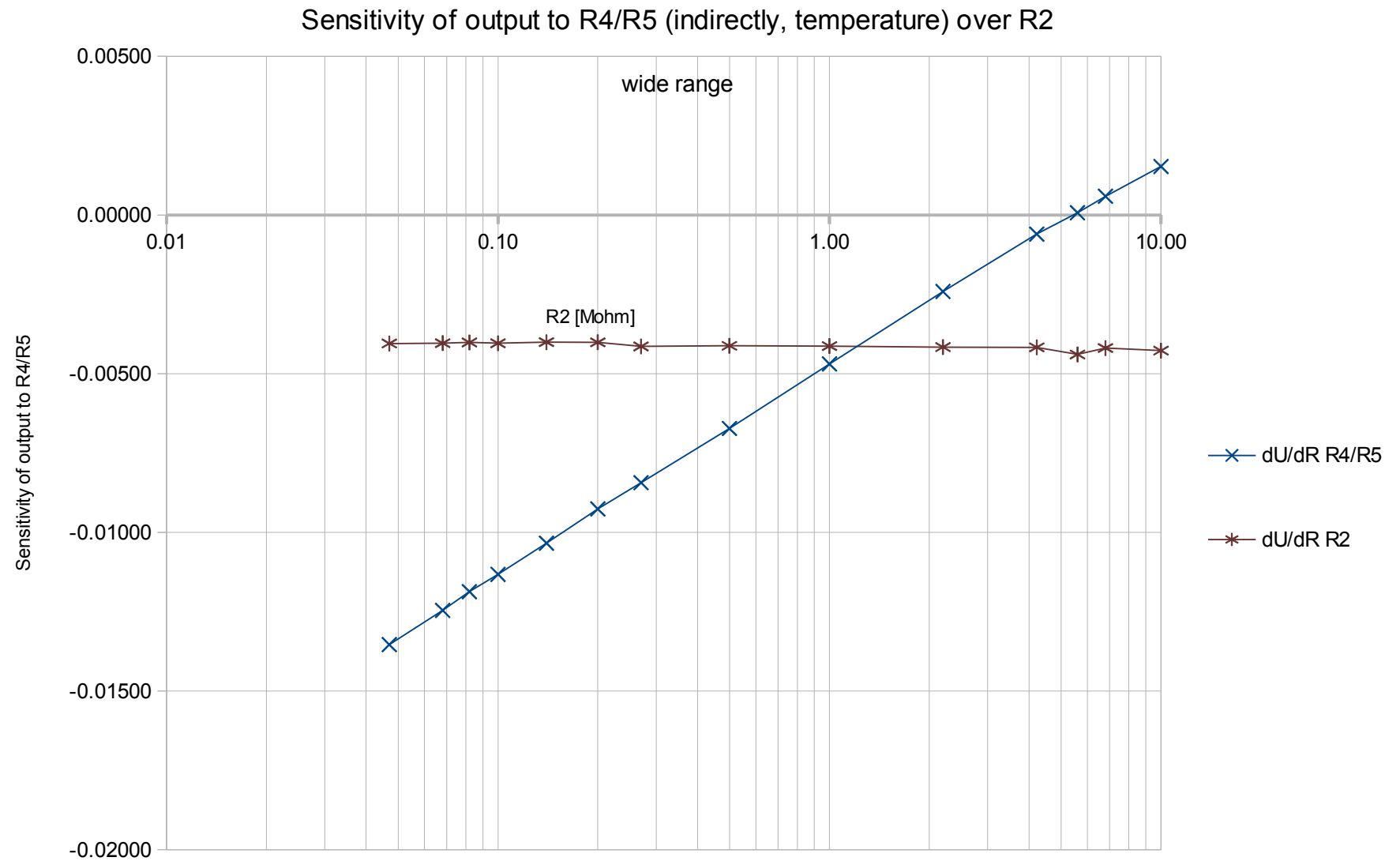
R2

	R1	R2	R3	R4	R5			
	120	DUT	88200	12000	1000			
	U0	7.135385						
	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>I</i>
Dev A	<i>R2</i>	<i>U</i>	<i>R2+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 Mohm</i>
	47000	16081	47475	15789	475	-292	-0.00405	0.047
	68100	5361	68575	5160	475	-201	-0.00404	0.0681
	82000	0	82475	-166	475	-166	-0.00402	0.082
	100000	-5691	100475	-5828	475	-137	-0.00404	0.1
	140000	-15340	140475	-15437	475	-97	-0.00401	0.14
	200000	-25579	200475	-25647	475	-68	-0.00401	0.2
	270000	-34176	270475	-34228	475	-52	-0.00414	0.27
	499000	-50397	499475	-50425	475	-28	-0.00412	0.499
	1000000	-72007	1000475	-72021	475	-14	-0.00413	1
	2200000	-94745	2220000	-95015	20000	-270	-0.00416	2.2
	4220000	-114006	4240000	-114147	20000	-141	-0.00417	4.22
	5600000	-122286	5620000	-122398	20000	-112	-0.00439	5.6
	6800000	-128233	6820000	-128321	20000	-88	-0.00419	6.8
	10000000	-140072	10020000	-140133	20000	-61	-0.00427	10
	<i>R5</i>	<i>U at R5</i>	<i>R5 + dR</i>	<i>U at R5+dR</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R4/R5</i>	<i>R2 Mohm</i>
	1000	16081	1010	15115	10	-966	-0.01354	0.047
	1000	5361	1010	4472	10	-889	-0.01246	0.0681
	1000	0	1010	-847	10	-847	-0.01187	0.082
	1000	-5691	1010	-6499	10	-808	-0.01132	0.1
	1000	-15340	1010	-16078	10	-738	-0.01034	0.14
	1000	-25579	1010	-26240	10	-661	-0.00926	0.2
	1000	-34176	1010	-34778	10	-602	-0.00844	0.27
	1000	-50397	1010	-50877	10	-480	-0.00673	0.499
	1000	-72007	1010	-72342	10	-335	-0.00469	1
	1000	-94760	1010	-94932	10	-172	-0.00241	2.2
	1000	-114006	1010	-114049	10	-43	-0.00060	4.22
	1000	-122285	1010	-122280	10	5	0.00007	5.6
	1000	-128233	1010	-128191	10	42	0.00059	6.8
	1000	-140049	1010	-139940	10	109	0.00153	10
	1000	-413178	1010	-419274	10	-6096	-0.08543	infinity

R2

Dev B	<i>R2</i>	<i>U</i>	<i>R2+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	2200000	33584	2220000	33319	20000	-265	-0.00409	2.2
	4220000	14273	4240000	14133	20000	-140	-0.00414	4.22
	5600000	6020	5620000	5912	20000	-108	-0.00424	5.6
	6800000	0	6820000	-94	20000	-94	-0.00448	6.8
	10000000	-11924	10020000	-11987	20000	-63	-0.00441	10
	<i>R5</i>	<i>U</i>	<i>R5+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	1000	33584	1010	33419	10	-165	-0.00231	2.2
	1000	14277	1010	14235	10	-42	-0.00059	4.22
	1000	6020	1010	6026	10	6	0.00008	5.6
	1000	0	1010	40	10	40	0.00056	6.8
	1000	-11927	1010	-11826	10	101	0.00142	10
Dev C	<i>R2</i>	<i>U</i>	<i>R2+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	2200000	0	2220000	-262	20000	-262	-0.00404	2.2
	4220000	-19244	4240000	-19386	20000	-142	-0.00420	4.22
	5600000	-27545	5620000	-27653	20000	-108	-0.00424	5.6
	6800000	-33500	6820000	-33590	20000	-90	-0.00429	6.8
	10000000	-45405	10020000	-45467	20000	-62	-0.00434	10
	<i>R5</i>	<i>U</i>	<i>R5+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	1000	0	1010	-176	10	-176	-0.00247	2.2
	1000	-19244	1010	-19304	10	-60	-0.00084	4.22
	1000	-27545	1010	-27555	10	-10	-0.00014	5.6
	1000	-33500	1010	-33477	10	23	0.00032	6.8
	1000	-45405	1010	-45320	10	85	0.00119	10
Dev D	<i>R2</i>	<i>U</i>	<i>R2+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	2200000	0	2220000	-265	20000	-265	-0.00409	2.2
	4220000	-19265	4240000	-19406	20000	-141	-0.00417	4.22
	5600000	-27566	5620000	-27673	20000	-107	-0.00420	5.6
	6800000	-33521	6820000	-33611	20000	-90	-0.00429	6.8
	10000000	-45419	10020000	-45481	20000	-62	-0.00434	10
	<i>R5</i>	<i>U</i>	<i>R5+dR</i>	<i>U</i>	<i>dR [ohm]</i>	<i>dU [V]</i>	<i>dU/dR R2</i>	<i>R2 [Mohm]</i>
	1000	0	1010	-177	10	-177	-0.00248	2.2
	1000	-19265	1010	-19317	10	-52	-0.00073	4.22
	1000	-27566	1010	-27571	10	-5	-0.00007	5.6
	1000	-33521	1010	-33491	10	30	0.00042	6.8
	1000	-45419	1010	-45329	10	90	0.00126	10

R2



R2

Sensitivity of output to R4/R5 over R2

around zero crossing

