

AD8495 Output, T _A = T _{RJ} = 25°C Ad8495 uses a response of 5mV/°C				
Measurement Junction Temperature (°C)	Ideal Output (V)	Actual Output (V)	Actual Temperature (°C)	Difference in Temp (°C)
	AD8495	AD8495 Actual Output with K Type		
-260	-1.3	-0.786	-157.2	102.8
-240	-1.2	-0.774	-154.8	85.2
-220	-1.1	-0.751	-150.2	69.8
-200	-1	-0.719	-143.8	56.2
-180	-0.9	-0.677	-135.4	44.6
-160	-0.8	-0.627	-125.4	34.6
-140	-0.7	-0.569	-113.8	26.2
-120	-0.6	-0.504	-100.8	19.2
-100	-0.5	-0.432	-86.4	13.6
-80	-0.4	-0.355	-71	9
-60	-0.3	-0.272	-54.4	5.6
-40	-0.2	-0.184	-36.8	3.2
-25	-0.125	-0.11575	-23.15	1.85
-20	-0.1	-0.093	-18.6	1.4
0	0	0.003	0.6	0.6
20	0.1	0.1	20	0
25	0.125	0.125	25	0
40	0.2	0.2	40	0
60	0.3	0.301	60.2	0.2
80	0.4	0.402	80.4	0.4
100	0.5	0.504	100.8	0.8
120	0.6	0.605	121	1
140	0.7	0.705	141	1
160	0.8	0.803	160.6	0.6
180	0.9	0.901	180.2	0.2
200	1	0.999	199.8	-0.2
220	1.1	1.097	219.4	-0.6
240	1.2	1.196	239.2	-0.8
260	1.3	1.295	259	-1
280	1.4	1.396	279.2	-0.8
300	1.5	1.497	299.4	-0.6
320	1.6	1.599	319.8	-0.2
340	1.7	1.701	340.2	0.2
360	1.8	1.803	360.6	0.6
380	1.9	1.906	381.2	1.2
400	2	2.01	402	2
420	2.1	2.113	422.6	2.6
440	2.2	2.217	443.4	3.4
460	2.3	2.321	464.2	4.2
480	2.4	2.425	485	5
500	2.5	2.529	505.8	5.8

520	2.6	2.634	526.8	6.8
540	2.7	2.738	547.6	7.6
560	2.8	2.843	568.6	8.6
580	2.9	2.947	589.4	9.4
600	3	3.051	610.2	10.2
620	3.1	3.155	631	11
640	3.2	3.259	651.8	11.8
660	3.3	3.362	672.4	12.4
680	3.4	3.465	693	13
700	3.5	3.568	713.6	13.6
720	3.6	3.67	734	14
740	3.7	3.772	754.4	14.4
760	3.8	3.874	774.8	14.8
780	3.9	3.975	795	15
800	4	4.076	815.2	15.2
820	4.1	4.176	835.2	15.2
840	4.2	4.275	855	15
860	4.3	4.374	874.8	14.8
880	4.4	4.473	894.6	14.6
900	4.5	4.571	914.2	14.2
920	4.6	4.669	933.8	13.8
940	4.7	4.766	953.2	13.2
960	4.8	4.863	972.6	12.6
980	4.9	4.959	991.8	11.8
1000	5	5.055	1011	11
1020	5.1	5.15	1030	10
1040	5.2	5.245	1049	9
1060	5.3	5.339	1067.8	7.8
1080	5.4	5.432	1086.4	6.4
1100	5.5	5.525	1105	5
1120	5.6	5.617	1123.4	3.4
1140	5.7	5.709	1141.8	1.8
1160	5.8	5.8	1160	0
1180	5.9	5.891	1178.2	-1.8
1200	6	5.98	1196	-4
1220	6.1	6.069	1213.8	-6.2
1240	6.2	6.158	1231.6	-8.4
1260	6.3	6.245	1249	-11
1280	6.4	6.332	1266.4	-13.6
1300	6.5	6.418	1283.6	-16.4
1320	6.6	6.503	1300.6	-19.4
1340	6.7	6.587	1317.4	-22.6
1360	6.8	6.671	1334.2	-25.8
1380	6.9	6.754	1350.8	-29.2

