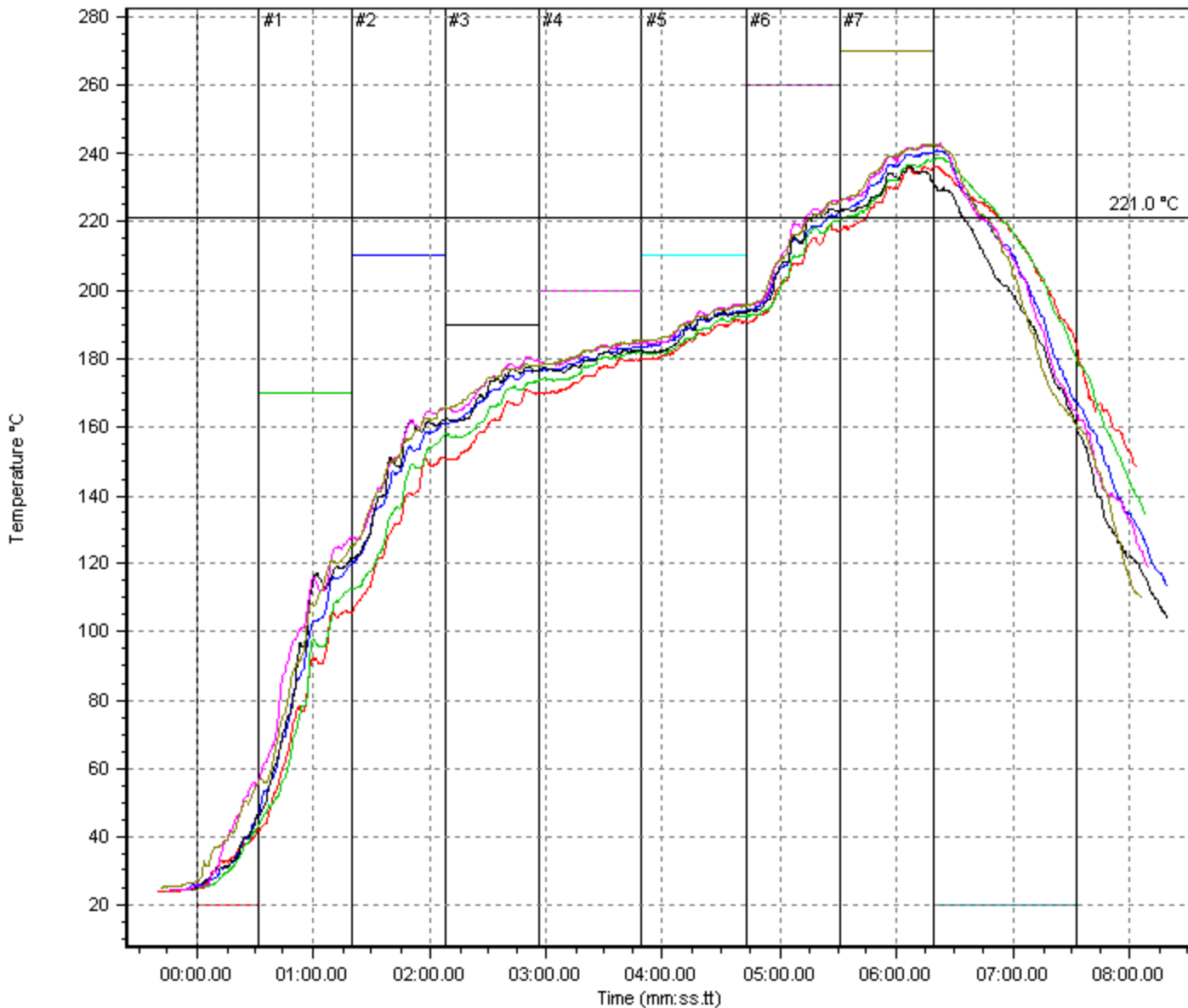


Created By  
 Number of Probes  
 Sample Interval  
 Data Loaded  
 Collection Started  
 Max. Internal Temp.  
 Logger ID  
 Operator  
 Process  
 Oven  
 Recipe  
 Product  
 Time Printed

Download  
 6  
 0:00.50 (mm:ss.t)  
 20/11/2001 16:31:00  
 20/11/2001 15:16:16  
 75.0 °C  
 #8307  
 Lead free Test PCB  
 Medium Oven  
 Lead free solder  
 Simple test board  
 29/06/2011 16:17:55



Notes:

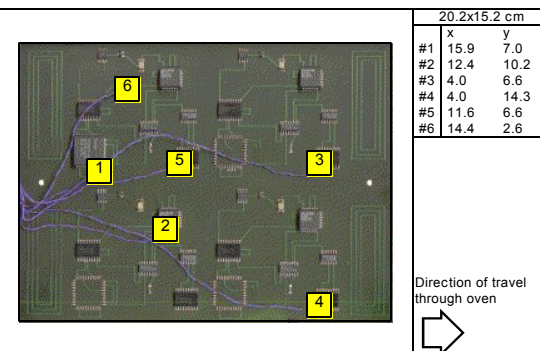
Seven heated zones and 1 cooling zone consisting of fans in the exit chamber  
 Example recipe supplied with Insight.  
 Mixture of PLCC and SOIC on 1.6mm FR4



A Fluke Company

Approved By:

Probe Map:



Line Speed:	Zone:	#1	#2	#3	#4	#5	#6	#7
45.0 cm/min	Length (cm):	24.0	36.0	36.0	40.0	40.0	36.0	56.0
	Upper (°C):	20.0	170.0	210.0	190.0	200.0	210.0	260.0
	Lower (°C):	20.0	170.0	210.0	190.0	200.0	210.0	260.0



Site: Cambridge

Process: Lead free Test PCB

Product: Simple test board

Probe	ReflowResults									Time at Temperature			
	Positive Slope (°C/sec)	Positive Slope Time (mm:ss.tt)	Rise Time (120.0 - 160.0°C) (mm:ss.tt)	Rise Time 50.0°C to Peak (mm:ss.tt)	Mean Slope to Peak (°C/sec)	Time Above Liquidus (221.0°C) (mm:ss.tt)	Peak Temperature (°C)	Delta T (°C)	Negative Slope (°C/sec)	Time Above 221.0°C (mm:ss.tt)	Time To Reach 221.0°C (mm:ss.tt)	Time Above 230.0°C (mm:ss.tt)	Time To Reach 230.0°C (mm:ss.tt)
	#1 (°C) PLCC 44	3.62	00:57.00	00:57.00	05:36.50	0.53	01:09.00	236.0	7.0	-2.96	01:09.00	05:44.50	00:34.00
#2 (°C) PLCC 28	4.96	00:57.50	00:51.50	05:40.50	0.52	01:22.50	238.5	-2.01		01:22.50	05:32.00	00:45.00	05:54.50
#3 (°C) SO-18	2.83	00:49.00	00:44.00	05:47.00	0.50	01:20.00	241.0	-1.85		01:20.00	05:24.50	00:47.00	05:46.50
#4 (°C) SO-18	4.72	00:57.50	00:30.50	05:31.00	0.49	01:18.50	236.0	-2.31		01:18.50	05:17.00	00:27.50	05:54.00
#5 (°C) SO-16	4.54	00:42.50	00:39.50	05:58.50	0.49	01:29.50	243.0	-2.48		01:29.50	05:14.00	00:49.00	05:45.50
#6 (°C) PCB	3.88	00:56.00	00:40.50	05:46.50	0.51	01:30.50	242.5	-2.41		01:30.50	05:16.00	00:53.00	05:43.00

Probe	Peak Difference		
	Peak Difference (°C)	Time Reached (mm:ss.tt)	
#1 (°C) PLCC 44	152.0		
#2 (°C) PLCC 28			
#3 (°C) SO-18			
#4 (°C) SO-18	38.0	08:01.00	
#5 (°C) SO-16			
#6 (°C) PCB	114.0		

Alarms			
Analysis	Probe	Alarm Description	
1 Time at Temperature	#3	#2: Time above (mm:ss.tt) is greater than the maximum (00:47.00 > 00:45.00)	
2 Time at Temperature	#5	#2: Time above (mm:ss.tt) is greater than the maximum (00:49.00 > 00:45.00)	
3 Time at Temperature	#6	#2: Time above (mm:ss.tt) is greater than the maximum (00:53.00 > 00:45.00)	