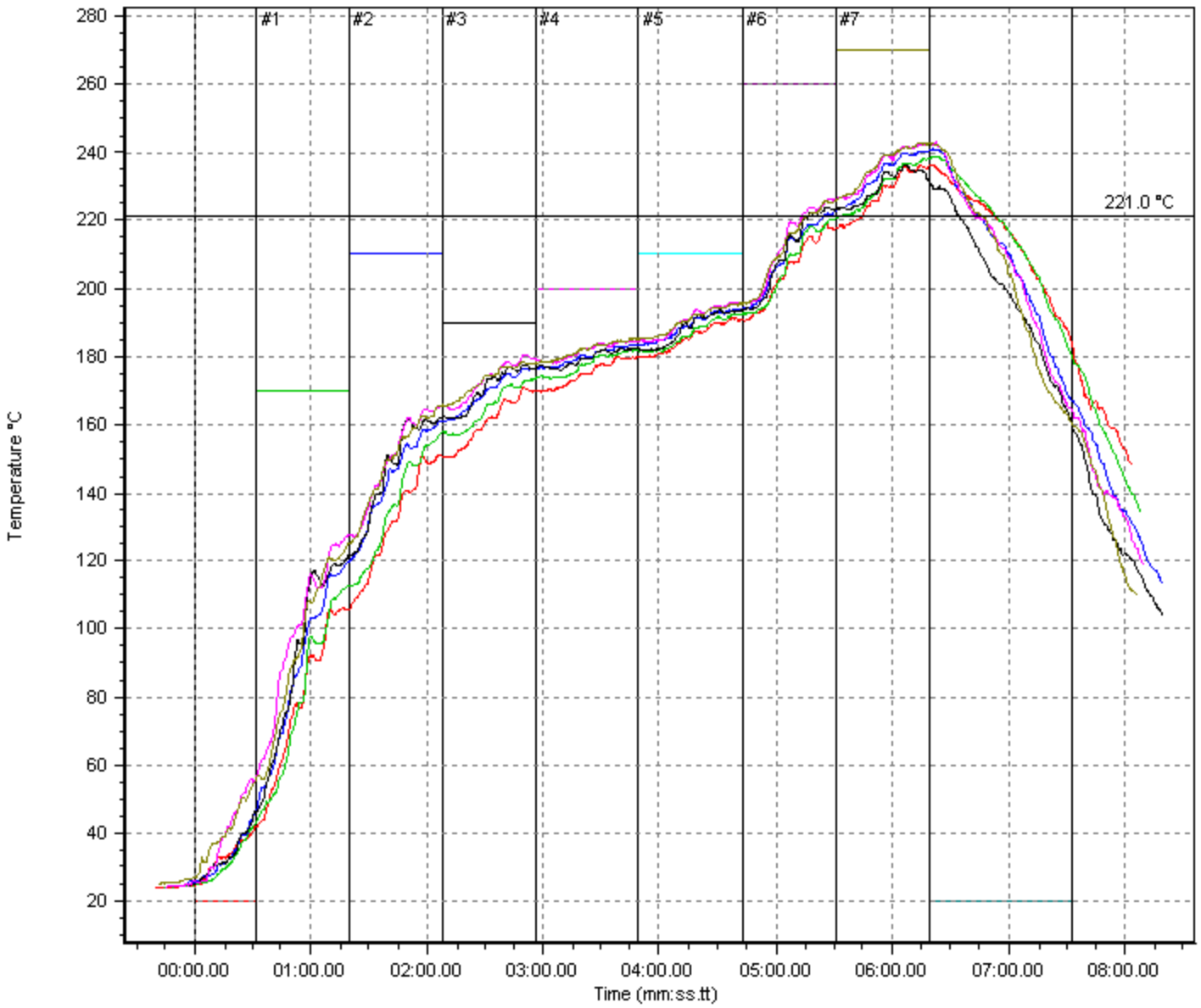
File: Example profile 1.paq	Company: Datapaq	
Site: Cambridge	Process: Lead free Test PCB	Product: Simple test board



Line Speed:	Zone:		#1	#2	#3	#4	#5	#6	#7	
45.0 cm/min	Length (cm):	24.0	36.0	36.0	36.0	40.0	40.0	36.0	36.0	56.0
	Upper (°C):	20.0	170.0	210.0	190.0	200.0	210.0	260.0	270.0	20.0
	Lower (°C):	20.0	170.0	210.0	190.0	200.0	210.0	260.0	270.0	20.0

Data Collection Details:

Created By	Download
Number of Probes	6
Sample Interval	0:00.50 (mm:ss.t)
Data Loaded	20/11/2001 16:31:00
Collection Started	20/11/2001 15:16:16
Max. Internal Temp.	75.0 °C
Logger ID	#8307
Operator	
Process	Lead free Test PCB
Oven	Medium Oven
Recipe	Lead free solder
Product	Simple test board
Time Printed	29/06/2011 16:17:55

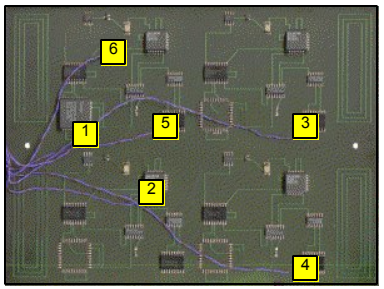
Notes:

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

DATAPAQ®
Fluke Process Instruments

Approved By:

Probe Map:



20.2x15.2 cm

	x	y
#1	15.9	7.0
#2	12.4	10.2
#3	4.0	6.6
#4	4.0	14.3
#5	11.6	6.6
#6	14.4	2.6

Direction of travel through oven

File: Example profile 1.paq	Company: Datapaq	
Site: Cambridge	Process: Lead free Test PCB	Product: Simple test board

Probe	Reflow Results									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	05:55.50
#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		38.0	08:01.00
#4 (°C) SO-18			
#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)

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