

QC Sheet for Mother Boards

Date:	
Operator:	
Serial Number:	
MB Type:	

Required Response

Pre-Burn-In Result

Post-Burn-In Result

Test of 3-in-1 Card Slots

Slot	Digital	CIS	Integrator	Digital	CIS	Integrator	Digital	CIS	Integrator
Invalid slot address	No	No	No						
1	Yes	Yes	Yes						
2	Yes	Yes	Yes						
3	Yes	Yes	Yes						
4	Yes	Yes	Yes						
5	Yes	Yes	Yes						
6	Yes	Yes	Yes						
7	Yes	Yes	Yes						
8	Yes	Yes	Yes						
9	Yes	Yes	Yes						
10	Yes	Yes	Yes						
11	Yes	Yes	Yes						
12	Yes	Yes	Yes						

Test of CIS Time Adjustment

Bits	Required Response	Pre-Burn-In Result	Post-Burn-In Result
0	Yes		
1	Yes		
2	Yes		
3	Yes		
4	Yes		
5	Yes		
6	Yes		
7	Yes		

Test of Reference and Integrator bus

Integrator Output for 1 V	Required Response	Pre-Burn-In Result	Post-Burn-In Result
Mean			
RMS			

Control Test for MB1 Only

Via TTC	Via CANbus	Via TTC	Via CANbus	Via TTC	Via CANbus
Wrt/Rd all registers: Slot 1		Yes	Yes		
CIS Linearity Test: LG, Slot 1					
Pedestal RMS (cnts)		< 2	< 2		
Slope (cnts/pC)		1.2-1.4	1.2-1.4		
Non-Linearity (cnts)		< 10	< 10		