**OUTPUT FROM CTSRUN1**

Power On

Set Time to 12:01:30.00

Channel 1 is Armed

Channel 2 is Armed

Triggered Channel 1

Unable to Trigger Channel 3

Triggered Channel 2

Unable to Trigger Channel 4

Triggered Channel 1

Triggered Channel 1

Triggered Channel 2

Triggered Channel 2

Unable to Trigger Channel 4

Power Off

Exited Simulator

**OUTPUT FROM CTSRUN2**

Power On

Power Off

Power On

Created IND event

Channel 1 is Armed

Channel 2 is Armed

Added 234 to Race queue

Added 315 to Race queue

Triggered Channel 1

Unable to Trigger Channel 3

Triggered Channel 2

Unable to Trigger Channel 4

Run 1 Results

NUM Time

234 45.00

Ended Run 1

Created Run 2

Created IND event

Added 167 to Race queue

Added 166 to Race queue

Added 200 to Race queue

Added 201 to Race queue

Triggered Channel 1

Triggered Channel 1

Triggered Channel 2

Triggered Channel 2

Unable to Trigger Channel 4

Run 2 Results

NUM Time

167 32.00

166 15.00

Power Off

Power On

Run 1 Still In Progress

Power Off

Exited Simulator

**OUTPUT FROM CTSRUN3(system test cases)**

Power On

Channel 1 is Armed

Channel 2 is Armed

Power Off

Power On

Unable to Trigger Channel 1

Channel 1 is Armed

Channel 2 is Armed

Added 456 to Race queue

Added 789 to Race queue

Triggered Channel 1

Triggered Channel 1

Triggered Channel 2

Triggered Channel 2

Run 1 Still In Progress

Run 1 Results

NUM Time

456 45.50

789 63.30

Ended Run 1

Created Run 2

Created IND event

Added 167 to Race queue

Added 166 to Race queue

Added 200 to Race queue

Added 201 to Race queue

Triggered Channel 1

Triggered Channel 1

Triggered Channel 1

Triggered Channel 2

Triggered Channel 2

Unable to Trigger Channel 4

Triggered Channel 1

Run 2 Results

NUM Time

167 30.40

166 15.20

200 DNF

Power Off

Exited Simulator