

TEMP/HUMIDITY/ALTITUDE/POWER CYCLING

This form was developed to assist you in developing custom product stress testing requirements. By completing this form (or the parts of it relevant to your needs) and returning it to Motorola Product Testing Services, you are obligated to nothing. We will gladly answer questions and/or provide you a quotation for services at no cost to you. For prompt and professional service, please fax to:

(847) 761-4745

1. Contact Information

Your Name	
Your Company's Name	
Mailing Address (1)	
Mailing Address (2)	
City	
State or Province	
Country	
Zip or Postal Code	
Fax Number	
Email	
Phone Number	

2. Specific Test Parameters

Orientation in Chamber	Specify unit under test orientation (vert, horiz, 45 deg, etc.).	
Required Ramp Rate	Optional. Enter value in Deg C per min. 3C/min typical. 10C/min is considered high-rate. 30C/min is temp shock.	

Temperature/Humidity/Altitude/Power Profile Definition*

Interval	Temp	Humidity	Altitude	Time	Power	Load	Next Interval	# Loops
Initial								
1								
2								
3								
4								
5								
6								
7								
8								

*If required profile is complex, graphical approach may be easier. Contact MTPS for details.



Custom Test Specification Template

3. Information about the product to be tested

Product Information	Name	Text.	
	Length	Inches.	
	Width	Inches.	
	Height	Inches.	
	Weight	Pounds.	
	Is product other than 6-sides?	Yes/No.	
	Quantity to Test	Number.	
Instrumentation Requirements	Accelerometers	Location.	
	Thermocouples	Location. Temp Range.	
	Electrical	V, I, etc. Location. Grounding.	
	Other	Definition. Location.	
Power and Loading	Product powered during testing?	Yes/No. Specs.	
	Product electrically loaded during testing?	Yes/No. Specs.	
	Product mechanically loaded during testing?	Yes/No. Specs.	
Product Eval	When is product evaluated?	When (how often).	
	What are criteria?	Specs.	

4. Special Instructions

5. Scheduling/Time Constraints