



6849 W Frye Rd Chandler, AZ 85226-3310 P-480-940-0740

Customer Requirements Form

Date

Contact Name

Company

M/S Division

Address

Phone #

Fax #

E-mail

RF Requirements

(Typical Example)

(Your Requirement)

Type & Sex of Connectors Used

(3.5 (f))

Frequency Range

(DC-18 GHz)

*Insertion Loss (each transition)

(0.5 db @ 18 GHz)

*Return Loss (each transition)

(20 db @ 18 GHz)

Isolation (without Midsection)

(30db @ 18 GHz)

Number of RF Ports

(2)

Calibration Requirement, eg(TRL, THRU)

(TRL)

Type of Test Equipment Cust. will use?

(HP 8510B)

Fixture Repeatability

(+/-0.2 db @ 18 GHz)

(when Thru Line is available)

Maximum RF Power

(4 watts)

Other RF characteristics including DUT description

** Tested with 10 mW RF power (When no data from customer is supplied, standard ICM parameters will be used)*

DC Supply Requirements

(Typical Example)

(Your Requirement)

Number of DC Ports

(6)

Max Voltage (each Port)

(15 V)

Max Current (each Port)

(2 A)

Preferred Connector Type

(9 pin Submin)

Other DC characteristics that may affect test fixture design

Mechanical- Environmental Requirements

Supply Drawings, specifications sheets and samples for each of the following:

(Check when enclosed)

- All external DUT dimensions and tolerances, with or without lid, if applicable
- DUT Materials
- DUT substrate thickness
- Surface Flatness
- Location and size of RF ports
- Location and size of DC ports
- Sample Device and 50 ohm thru-line for each RF path
- 50-ohm thru-line for each RF path (thru line is required to test fixture)

	<i>(Typical Example)</i>	<i>(Your Requirement)</i>
Tuning Access Required	<i>(yes)</i>	
Load/Unload time Required	<i>(10 sec)</i>	
Total number of DUT Insertions per fixture	<i>(20000)</i>	
Heat Dissipation of DUT	<i>(5 watts)</i>	
Temperature Range	<i>(-55/+125 Deg C)</i>	
Thermocouple access under DUT	<i>(yes)</i>	
Fixture cooling (air fin, liquid, forced air)	<i>(liquid)</i>	
Special RF shielding of DUT	<i>(yes)</i>	
Fixture to accept DUT with or without lid	<i>(without)</i>	

Other mechanical/environmental characteristics that may affect test fixture design

Other Information

	<i>(Typical Example)</i>	<i>(Your Requirement)</i>
Total Number of Devices to measure	<i>(200 per week)</i>	
Number of Test Fixtures required	<i>(3-4)</i>	
Delivery Time Required	<i>(4 weeks)</i>	
Spare parts requirement	<i>(yes)</i>	
Proposal Required by	<i>(1 week)</i>	

Other Information

Fax 480-961-4754
 E-mail sales@icmicrowave.com