



Customer Requirements Form

Date

Contact Name

Company

M/S Division

Address

Phone #

Fax #

E-mail

RF Req

(Typical Example)

(Your Requirement)

Type(Sex) of Connectors Used

(3.5 (f))

Frequency Range

(DC-18 Ghz)

Insertion Loss (each transition)

(0.5 db)

Return Loss (each transition)

(20 db)

Isolation

(30db)

Number of RF Ports

(2)

Calibration Req

(THRU)

eg(TRL, TRM, THRU)

Type of Test Equipment

(HP 8510B)

Fixture Repeatability (with THRU Line)

(+/-0.1 db @ Frequency)

Maximum RF Power

(4 watts)

Other RF characteristics including DUT description

DC Supply Req

(Typical Example)

(Your Requirement)

Number of DC Ports

(6)

Max Voltage (each Port)

(15 V)

Max Current (each Port)

(15 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 (thruiline is required to test fixture)

	(Typical Example)	(Your Requirement)
Tuning Access Required	(yes)	
Load/Unload time Required	(10 sec)	
Total number of DUT Insertions per fixture	(20000)	
Heat Dissipation of DUT	(5 watts)	
Temperature Range	(-55/+125 Deg C)	
Temperature measurement method (airflow, plate, etc...)	(airflow)	
Thermocouple access under DUT	(yes)	
Fixture cooling (air fin, liquid, etc...)	(liquid)	
Nitrogen Air Displacement	(no)	
Special RF shielding of DUT	(yes)	
Fixture to accept DUT with or without lid	(without)	

Other mechanical/environmental characteristics that may affect test fixture design

Other Information

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

Other Information

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