Serial/ID No: 170615-1

Humidity: 20 to 65% RH

4208417E-170615-1

Description: WR03 Harmonic Mixer, 220 to 325 GHz w/ Horn Antenna

M03HWA

Certificate No:

Model/Part No:

Procedure:

Manufacturer: OML, Inc.

Date of Test: June 15, 2017 **Temperature:** (23 +/- 5) deg C

	es that the above product was tested in compliant OML's procedures.	nce with OML specifications using
As Receive	ed: Factory Tested - No incoming data availab	le.
As Shipped	d: At the completion of the test, the product CC	OMPLIED with the performance capability.
Remarks:		
Canada, Eumeasurement measurement appointment In the absented	ty Information: Traceability is to national standard romet members (NPL, PTB, BNM, etc.) or other of the sare traceable to natural physical constants, conts. Supporting documentation relative to trace at. Ince of power standards above 110 GHz, power in the sabove 110 GHz are to confirm operation funds.	er recognized standards laboratories. Some onsensus standards or ratio type ability is available for review by measurements and conversion loss
This certific	cate shall not be reproduced, except in full, with	out the written approval of OML.
_	Mitzi Chow, Material Manager	06/15/2017 Date
OML Inc.	300 Digital Drive, Morgan Hill, CA 95037 USA	Tel. (408) 779 2698 Fax (408) 778 0491

Serial/ID No: 170615-1

4208417D-170615-1

Description: WR-05 Harmonic Mixer, 140 to 220 GHz w/ Horn Antenna

Certificate No:

Manufacturer: OML, Inc.

Model/Part No: M05HWA

	st: June 15, 2017 are: (23 +/- 5) deg C :	Humidity: 2	20 to 65% RH
	es that the above product wo	vas tested in compliance v	with OML specifications using
As Receive	ed: Factory Tested - No in	ncoming data available.	
As Shipped	d: At the completion of the	e test, the product COMP	LIED with the performance capability.
Remarks:			
Canada, European measurement appointment In the absent measurement This certification.	nts are traceable to natural ents. Supporting document of the control of the cont	B, BNM, etc.) or other recephysical constants, consention relative to traceabilities at 110 GHz, power meast confirm operation functions, except in full, without	s administered by U.S. NIST, NRC cognized standards laboratories. Some ensus standards or ratio type ity is available for review by surements and conversion loss nality and traceable only to OML. 106/15/2017 Date
ML Inc.	300 Digital Drive, Morga	an Hill, CA 95037 USA Tel	. (408) 779 2698 Fax (408) 778 0491

Serial/ID No: 170615-1

Humidity: 20 to 65% RH

4208417C-170615-1

Description: WR-08 Harmonic Mixer, 90 to 140 GHz w/ Horn Antenna

Certificate No:

Manufacturer: OML, Inc.

Model/Part No: M08HWA

Date of Test: June 15, 2017

ure: (23 +/- 5) deg C Humidity: 20 to 65% RH
ies that the above product was tested in compliance with OML specifications using OML's procedures.
ed: Factory Tested - No incoming data available.
d: At the completion of the test, the product COMPLIED with the performance capabili
ents are traceable to natural physical constants, consensus standards or ratio type ents. Supporting documentation relative to traceability is available for review by ent. Ince of power standards above 110 GHz, power measurements and conversion loss ents above 110 GHz are to confirm operation functionality and traceable only to OML.
06/15/2017
Mitzi Chow, Material Manager Date

Serial/ID No: 170615-1

4208417B-170615-1

Certificate No:

Manufacturer: OML, Inc.

Model/Part No: M12HWA

Description:	WR-12 Harmonic Mix	er, 60 to 90 GHz w/ Horn	Antenna
Date of Test: Temperature: Procedure:	June 15, 2017 (23 +/- 5) deg C	Humidity: 20	to 65% RH
This certifies th applicable OMI	-	as tested in compliance wit	h OML specifications using
As Received:	Factory Tested - No in	coming data available.	
As Shipped: A	At the completion of the	test, the product COMPLI	ED with the performance capability.
Canada, Eurome measurements a measurements. appointment. In the absence of measurements a	et members (NPL, PTB are traceable to natural pare traceable to natural pare traceable to natural pare to composite the second of power standards above 110 GHz are to composite the second of the sec	B, BNM, etc.) or other recognition relative to traceability re 110 GHz, power measure on firm operation functional	is available for review by ements and conversion loss lity and traceable only to OML.
This certificate	shall not be reproduced	, except in full, without the	written approval of OML.
	Alkal L	~	06/15/2017
	Mitzi Chow, Material I	Manager	Date
ML Inc. —	300 Digital Drive, Morgan	n Hill, CA 95037 USA Tel. (4	408) 779 2698 Fax (408) 778 0491

Serial/ID No: 170615-1

4208417A-170615-1

Certificate No:

Manufacturer: OML, Inc.

Model/Part No: M19HWA

Description:	WR-19 Harmonic Mixer, 40 to 60 GHz w/ Horn Antenna	
Date of Test: Temperature: Procedure:	June 15, 2017 (23 +/- 5) deg C	Humidity: 20 to 65% RH
This certifies th	_	as tested in compliance with OML specifications using
applicable OMI	L's procedures.	
As Received:	Factory Tested - No in	coming data available.
As Shipped: A	at the completion of the	e test, the product COMPLIED with the performance capabili
Remarks:		
Canada, Euromemeasurements a measurements. appointment.	et members (NPL, PTE are traceable to natural p Supporting documenta	ty is to national standards administered by U.S. NIST, NRC 3, BNM, etc.) or other recognized standards laboratories. Sort physical constants, consensus standards or ratio type ation relative to traceability is available for review by we 110 GHz, power measurements and conversion loss
measurements a	bove 110 GHz are to c	onfirm operation functionality and traceable only to OML.
This certificate	shall not be reproduced	l, except in full, without the written approval of OML.
	Mille	06/15/2017
	Mitzi Chow, Material	Manager Date
M. Inc		n Hill, CA 95037 USA Tel. (408) 779 2698 Fax (408) 778 0491
VI _I Inc		