

ROHDE & SCHWARZ USA, INC. 6821 Benjamin Franklin Drive Columbia, MD 21046 Tel: 888-837-8772 Fax: 410-910-7931

ROHDE & SCHWARZ USA, INC. 6821 Benjamin Franklin Drive Columbia, MD 21046

University of California Santa Barbara
Department of Electrical &
Computer Engineering
Mr Daryl Spencer
Harold Frank Hall, Rm 1160
SANTA BARBARA CA 93106-9560

Service reference

Your order / Date

309019956

UC-102913163351

Columbia, Dec 3, 2013

Service Report Service reference no. (RMA) 309019956				
Туре	Material no.	Serial no.		
FSU50 SPECTRUM ANALYZER	1166.1660K50	200061		

Work performed:					
	Check	17	Cleaning		
V	Repair		Electrical Safety Test		
V V	Adjustment Factory Standard Calibration	Virus ar	nd Malware Check		
	Accredited Calibration	7	Performed, no Virus-/Malware found		
	Special Calibration		Performed, Virus-/Malware found! See details below!		
	Replacement		Not applicable		
V	Firmware update	f			
	Relevant modifications checked and performed				
Report:					
Service requested: Standard calibration.					

Service Performed:

Updated firmware to version 4.71 SP5. The firmware updated has changed the log-in password to "894129". Incoming calibration failed forthe Second Order Intercept and Frequency Response > 8 GHz. Replaced the Preamplifier unit and Microwave Converter assemblies to repair. Performed frequency response corrections to optimize the RF path. Reference oscillator adjusted to optimize frequency accuracy during calibration period. Calibrated, cleaned, completed electrical safety test, and sealed.



ROHDE & SCHWARZ USA, Inc. 6821 Benjamin Franklin Drive Columbia, MD 21046 Phone: 410-910-7800 Fax: 410-910-7825 www.rsa.rohde-schwarz.com

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Ship to:

University of California Santa Barbara Department of Electrical & Computer Engineering Mr Daryl Spencer Harold Frank Hall, Rm 1160 SANTA BARBARA CA 93106-9560

Bill to:

University of California Santa Barbara Department of Electrical & Computer Engineering Harold Frank Hall, Rm 1160 SANTA BARBARA CA 93106-9560

Delivery Note

Number / Date

8500017176 / 12/03/2013

Customer reference no./ Date: UC-102913163351

Our reference / Date:

3500021726 / 12/03/2013

For further inquiries please contact:

Jessica Watson

Telephone: 410-910-7972 Fax: 410-910-7931

e-mail:

Jessica.Watson@rsa.rohde-schwarz.com

Shipping terms:

Appointed forwarder:

FOB Destination

No of house described

FedEx 2-Day 0

Nr. of boxes / number:

Gross weight:

25.0 KG

314-401-3239

Item.

Material Description Quantity Shipped

1 PC

100

FSU50 1166.1660K50

Spectrum analyzer 20 Hz - 50 GHz -145 - 30 dBm, 10 Hz - 50 MHz

TFT color display

ID: 1166.1660K50-200061-hN

Ser.: 200061

110

BLUE SHIPPING CASE, FRONT CONNECTOR

Remarks:

Attention: Receiving Department: FOR IMMEDIATE CONCERNS WITH THIS SHIPMENT CALL 1-888-TEST-RSA AND ASK FOR THE SHIPPING DEPARTMENT.