

TEST EQUIPMENT USED

Part 15.231, ANSI C63.4, RSS 210

This is a list of test equipment used for Occupied Bandwidth (Exhibit 5-4). Additional test equipment used can be found in the radiated emissions lab reports: exhibits 5-3A & 5-3B.

Note: Calibration Certificates are on following pages.

Test Equipment list for Honeywell OBW Measurements

EQUIPMENT:	MANUFACTURER:	MODEL:	CAL DATE:	CAL DUE DATE:
Spectrum Analyzer	Rohde & Schwarz	FSU3	5/7/2014	5/7/2015

If you need any additional information from Honeywell, please contact:

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(Acting for Mark Schmidt)
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Certificate of Calibration

Issue Date: 5/7/2014

GEN-CAL

General Calibration, Inc.
2 Mars Court, Boonton, New Jersey 07005
Phone (973) 299-2950 Fax (973) 299-0595

Certificate #: GC48-11390
Work Order #: 48GC147
Customer #: 001464

Performed By:

GENERAL CALIBRATION, INC.
2 MARS COURT

BOONTON, NJ 07005

Equipment Information:

Job No.:	066615
Manufacturer:	R&S
Description:	SPECTRUM ANALYZER
Department:	
Temp./RH:	22.0 C / 26.0 %
Cal. Interval:	12 MONTHS
Cal Date:	05/07/2014
Owner:	

Location of Calibration:

HONEYWELL SECURITY (001464)
2 CORPORATE CENTER DRIVE

MELVILLE, NY 11747

Purchase Order:

Purchase Order:	623705
Asset Tag No.:	11493
Model Number:	FSU3
Serial Number:	100029
Inspected By:	JTR
Job Title:	METROLOGIST
Calibration Result:	PASSED
Cal. Due Date:	05/07/2015
Owner's Email:	

Procedure #GCP: RS FSU3

Calibration Notes:

Condition: Found In Tolerance and Left In Tolerance
Standards Used To Calibrate Equipment

Company	I.D.	Description	Serial Number	Cal. Due Date
GENERAL CALIBRATION	1001	ATTENUATOR	1204A28252	07/29/2014
GENERAL CALIBRATION	1031	SYNTHESIZED SWEEPER, 26GHZ	3050A02181	04/16/2015
GENERAL CALIBRATION	1153	POWER METER	3125U20840	09/26/2014
GENERAL CALIBRATION	404	ATTENUATOR	219-06280	06/21/2014
GENERAL CALIBRATION	424	FREQUENCY COUNTER	2426A01588	08/15/2014
GENERAL CALIBRATION	485	POWER SENSOR	US37291734	06/26/2014
GENERAL CALIBRATION	649	POWER SPLITTER	51051	01/24/2015
GENERAL CALIBRATION	688	LEVEL GENERATOR	1640A01730	08/09/2014

This is to certify that General Calibration, Inc. is accredited by A2LA and that its calibration system is in compliance with ISO/IEC17025-2005, ANSI NCSL Z540-1, ANSI NCSL Z540.3, and ISO 9001:2008. The test limits stated in the report correspond to the Manufacturer's calibration and published specifications of the equipment, at the points tested. To the best of Gen-Cal's knowledge, the data obtained and as reported was accurate at the time of calibration. Many factors beyond the control of Gen-Cal may affect the performance of equipment after the calibration (verification) on the equipment. Calibration of standards; reference standards and intermediate standards in this calibration have been checked and calibrated against the above working standard(s) which are traceable to the SI units of measurement through National Institute of Standards and Technology or other National Measurement Institutes under CIPM MRA. Any accredited calibration under our A2LA scope of accreditation is denoted with A2LA accredited symbol on the calibration certificate. If the Accredited certificate includes any unaccredited items calibrated, they are clearly marked as unaccredited calibration.

Best Uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2.

The results documented in this certificate relate only to the item(s) calibrated or tested.

Approved By

Richard P. Jeffers
General Calibration, Inc. - Q. A. Manager