DIVERSIFIED
T.E.S.T.
TECHNOLOGIES, INC.

4675 Burr Drive ● Liverpool, NY 13088 ● 1-800-724-6452 ● FAX: 315-457-0428 ● 315-457-0245

December 17, 2014

Mark Bullock
GOJO
One GOJO Plaza, Suite 500
Akron, OH 44311

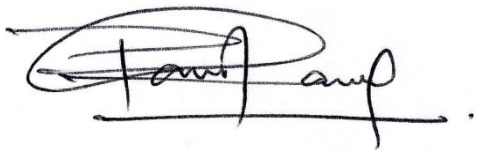
Dear Mr. Bullock**:**

Enclosed is the test report for the GOJO Manual POC Dispenser unit tested at our facility, located at 4675 Burr Drive in Liverpool, NY. This facility is on file with the Federal Communications Commission (FCC) per 47 CFR 2.948 (Site File Number 306552)

We have completed our testing of Emissions to the FCC per 47 CFR Part 15 Class B.

Thank you for selecting DTT lab for your testing needs. We look forward to working with you on future projects. Should you have any questions or concerns regarding this report, contact me at 315-457-0245. Please feel free to visit our website at www.dttlab.com.

Sincerely,



Prasanna Gautam
Technical Associate

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Test Information

Laboratory

DTT lab.
4675 Burr Drive
Liverpool, NY 13088

Manufacturer

GOJO Industries
One GOJO Plaza, Suite 500
Akron, OH 443110

Report Issue Date: December 17, 2014
Report Number: 6518-121514-FCC-B 15.249 (Edition 1)
Project Number: 6518

Date Received: December 2, 2014
Date Tested: December 11, 2014 - December 15, 2014

Product: Manual POC Dispenser unit
Part Number: 5860-510-910

FCC ID: O76-T5SG0910A

Traceability: *Reference standards of measurement have been calibrated by a competent body using standards traceable to NIST.*

The testing performed by DTT lab, has shown that the product referenced above complies with the electromagnetic compatibility requirements according to the FCC per 47 CFR Part 15.249. The results in this test report apply only to the GOJO Manual POC Dispenser unit.

It is the responsibility of the manufacturer to ensure that the product identification and labeling are in compliance with the applicable standards requirements. The manufacturer is also responsible for ensuring that additional units are manufactured with identical mechanical and electrical characteristics.

The equipment listed above conforms to the specified requirements of the test standards listed in the Test Regulations section of this report.

Compiled by:
Signature: _____ Date: December 17, 2014
Prasanna Gautam
Technical Associate

Reviewed by:
Signature: _____ Date: December 17, 2014
Steve Frierson
Technical Lab Manager

Authorized by:
Signature: _____ Date: December 17, 2014
Annelle Frierson
Vice-President

Test Regulations

The tests were performed according to the following standards:

☒ FCC Part 15.249	☐ Class A	☒ Class B

Equipment under Test (EUT) Testing Operation Mode

The EUT was operated under the following conditions during testing:

☐ Standby

☒ Normal Operating Mode

☐ Practice Operation

Description / Configuration of the EUT:

Manual POC Dispenser unit

The EUT was powered with three 1.5 V Batteries during the collection of data included within this report.

Rationale for EUT setup / configuration:

ANSI C63.4-2009

Modifications:

None

Deviations from test method:

None

Test Results

Radiated Emissions 8MHz – 1000MHz

The requirements are ☒ MET ☐ NOT MET

Test Setup Photographs

Radiated Emission 8MHz-30MHz

Radiated Emissions 200MHz-1000MHz

Emissions Testing Conditions

Radiated Emissions

The Radiated Emissions measurements, in the frequency range of 8MHz to 1000 MHz, were tested in a horizontal and vertical polarization at the following test location:

☒ DTT lab. . Open Area Test Site
☐ DTT lab.

At a test distance of:

☒ 1 meter
☒ 3 meters
☐ 10 meters
☐ 30 meters

Measurements from 8MHz to 30 MHz were made at a test distance of 1 Meter
Measurements from 30MHz to 1 GHz were made at a test distance of 3 Meters

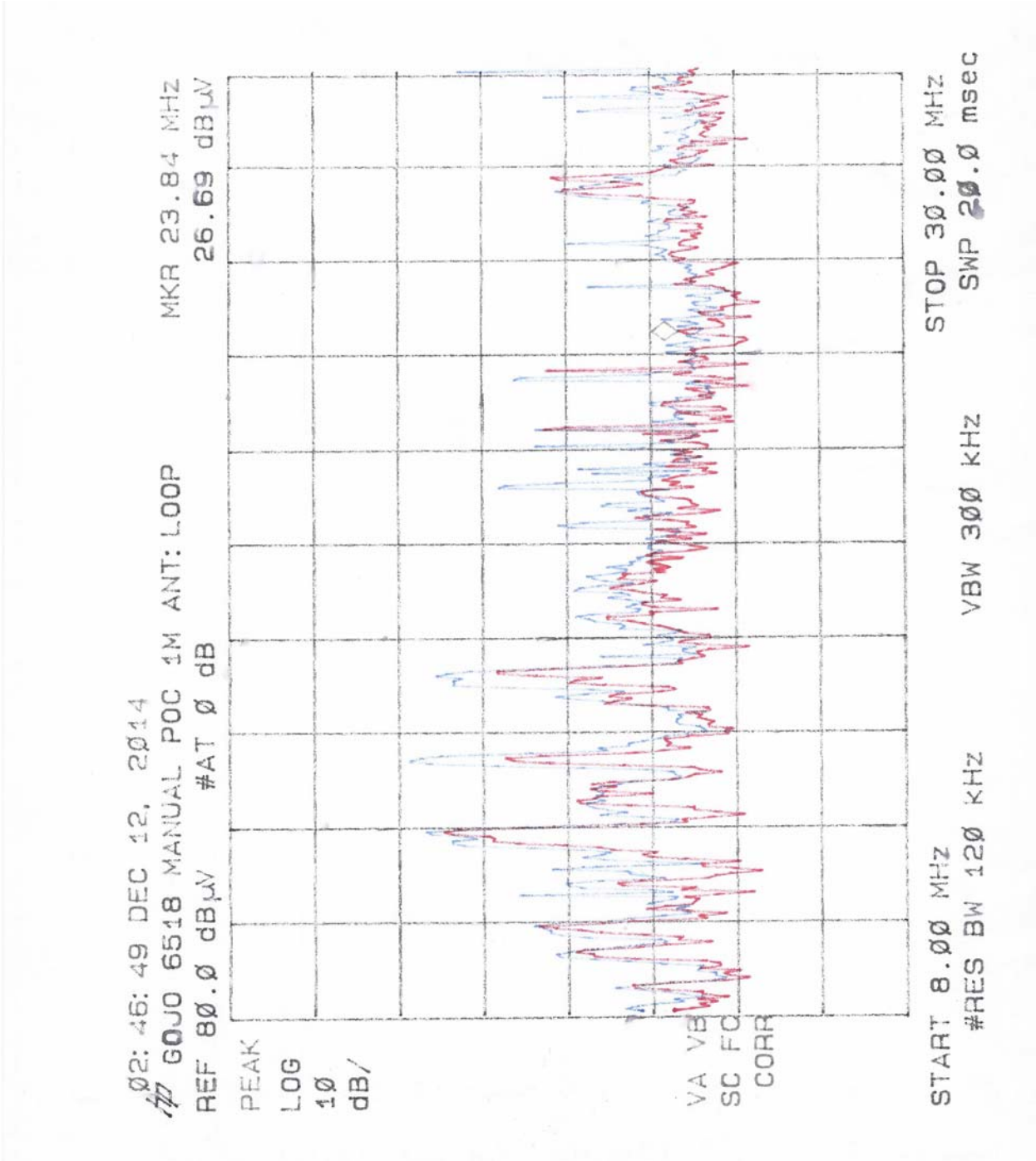
DTT lab uses automated data reductions to determine product compliance to Radiated Emissions regulations. The product's signal data is compared to a current ambient scan. The frequencies that are of significant amplitude are sorted and are brought out to be further analyzed and maximized.

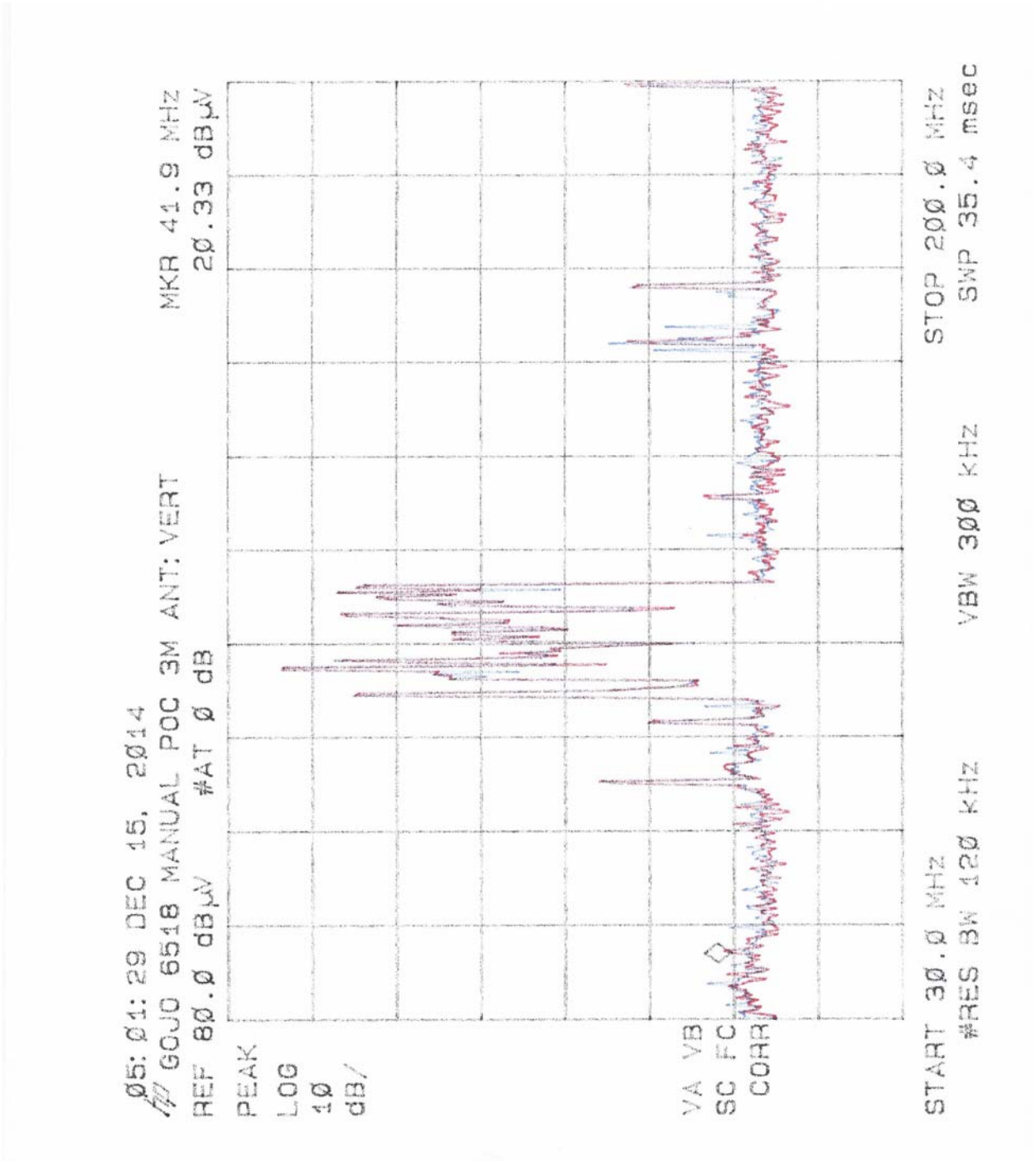
Test equipment used:

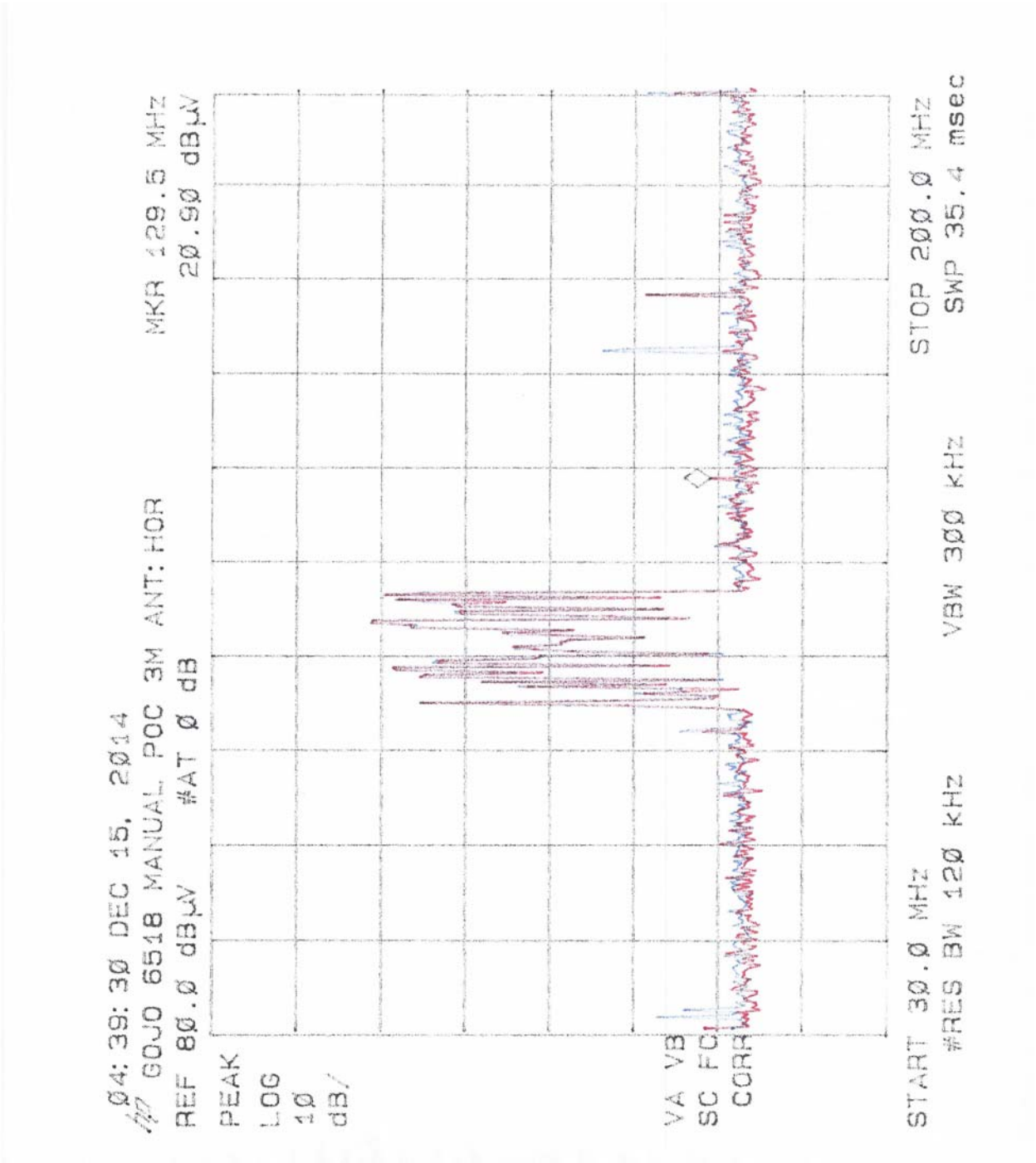
Manufacturer	Model	Description	Serial #	Cal Due Date
Hewlett Packard	8596E	Spectrum Analyzer	3235A00144	05/16/15
EMCO	6502	Active Loop Antenna	9110-2685	11/05/15
Electro-Metrics	BIA25	Biconical Antenna, 30-200 MHz	001	10/29/15
Electro-Metrics	LPA25	Log Periodic Antenna	1242	07/08/15
Hewlett Packard	7550A	Plotter	2407A00476	
		Co-ax cable, 100 ft. RG 8/U		
		Wooden test fixture with an electric motor.		
	MFR- 57500	Blue Low loss Cable	337	
		Non-conductive wooden turntable		
		10-meter open field test range, grounded with 1/4” x 1/4” hardware cloth		

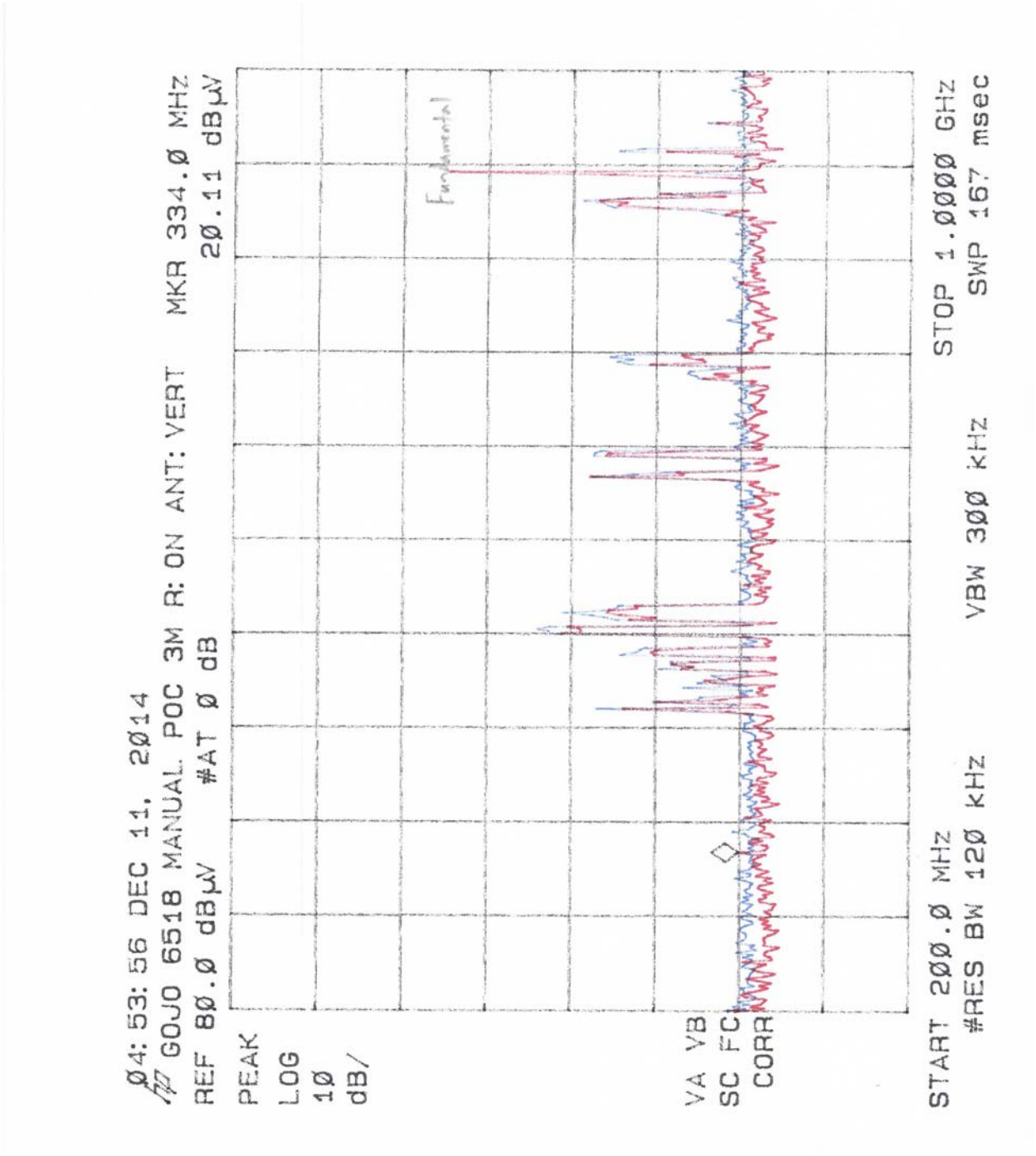
NOTE: Calibration interval 1 year for the test equipment

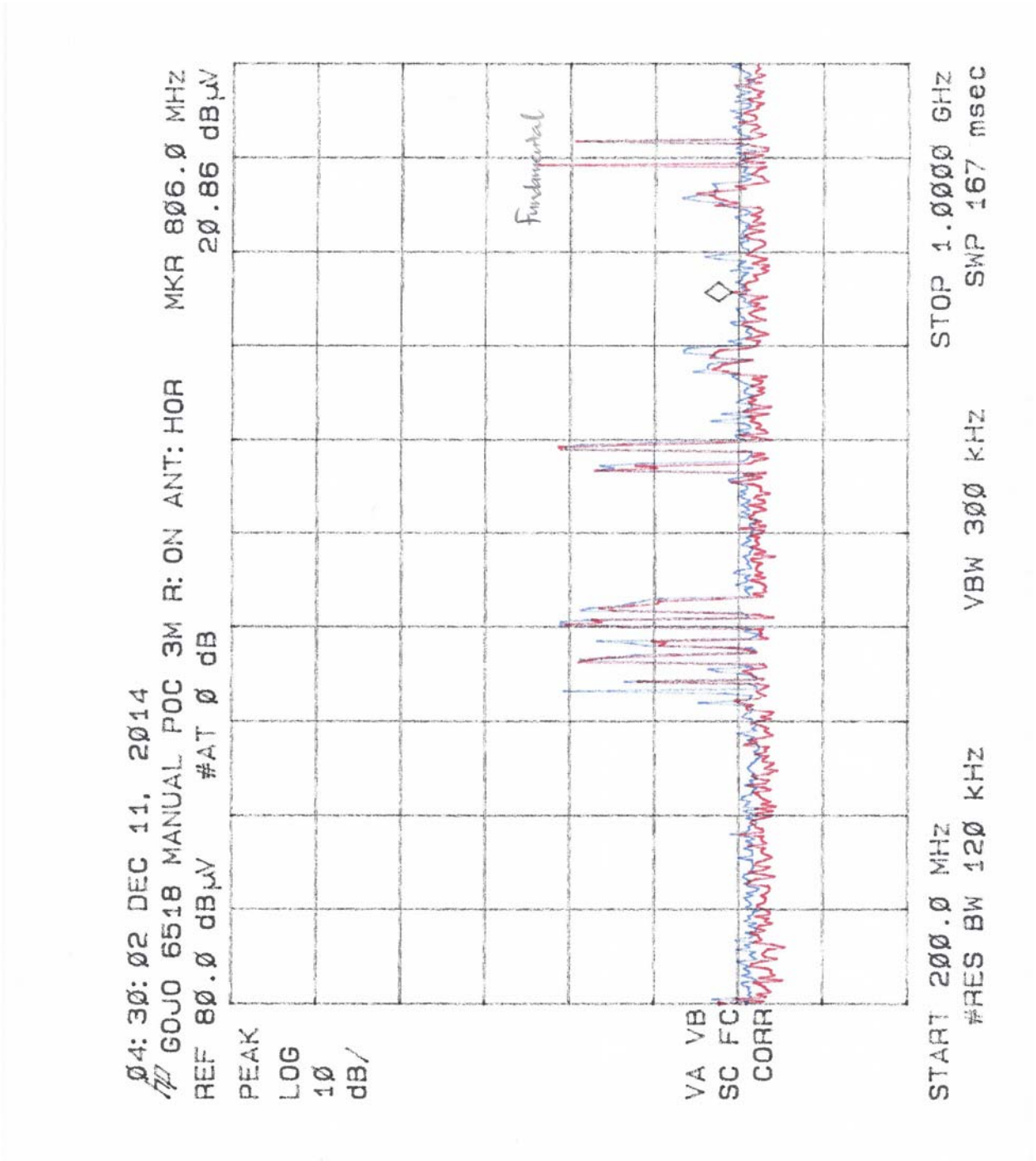
Radiated Emissions Test Data




05: 01: 29 DEC 15, 2014
GOJO 6518 MANUAL POC 3M ANT: VERT
REF 80.0 dBµV
#AT 0 dB
MKR 41.9 MHz
20.33 dBµV
PEAK
LOG
10
dB/
VA VB
SC FC
CORR
START 30.0 MHz
#RES BW 120 KHz
VBW 300 KHz
STOP 200.0 MHz
SWP 35.4 msec


04: 39: 30 DEC 15, 2014
#7 GOJO 6518 MANUAL POC 3M ANT: HOR
REF 80.0 dBµV #AT 0 dB
MKR 129.5 MHz
20.90 dBµV
PEAK
LOG
10
dB/
VA VB
SC FC
CORR
START 30.0 MHz
#RES BW 120 KHz
VBW 300 KHz
STOP 200.0 MHz
SWP 35.4 msec


04: 53: 56 DEC 11, 2014
GOJO 6518 MANUAL POC 3M R: ON ANT: VERT
REF 80.0 dBµV
#AT 0 dB
MKR 334.0 MHz
20.11 dBµV
Fundamental
PEAK
LOG
10
dB/
VA VB
SC FC
CORR
START 200.0 MHz
#RES BW 120 kHz
VBW 300 kHz
STOP 1.0000 GHz
SWP 167 msec


04: 30: 02 DEC 11, 2014
GOJO 6518 MANUAL POC 3M R: ON ANT: HOR
REF 80.0 dBµV
#AT 0 dB
MKR 806.0 MHz
20.86 dBµV
PEAK
LOG
10
dB/
Fundamental
VA VB
SC FC
CORR
START 200.0 MHz
#RES BW 120 KHz
VBW 300 KHz
STOP 1.0000 GHz
SWP 167 msec

Certificate of Conformity

DTT lab has tested the product to the current appropriate standards and finds that the product is in compliance with those requirements.

Rules and Regulations:

United States 47 Code of Federal Regulations Part 15.249 – Electromagnetic Emissions, Class B Devices

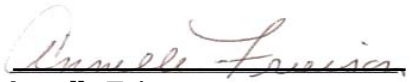
Standards:

ANSI C63.4-2009, Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical Equipment in the Range of 9 kHz to 40 GHz.

Section 11.0 Measurement of Information Technology Equipment (ITE)

Manufacturer's Name:	**GOJO Industries**
Manufacturer's Address:	One GOJO Plaza, Suite 500 Akron, OH 44311
Product:	**Manual POC Dispenser unit**
Part Number:	**5860-510-910**

This Certificate of Compliance issued December 17, 2014 is valid for the test sample of the product specified above and that it conforms to the Directive(s) and Standard(s).

Signature: 

Annelle Frierson
Vice President
DTT lab
4675 Burr Drive
Liverpool, NY 13088
Phone: 315-457-0245
Fax: 315-457-0428