



Keysight Technologies Malaysia Sdn Bhd (463532-M)  
Bayan Lepas Free Industrial Zone  
11900 Penang, Malaysia  
Keysight Approved Calibration provider #71456



5962-0476

## Certificate Of Calibration

Certificate No: M1970VMY5139096220170117

**Manufacturer:** Keysight Technologies

**Model No:** M1970V

**Options Installed With Specifications:** 001

**Description:** Waveguide Harmonic Mixer

**Serial No:** MY51390962

**Date of Calibration:** 17-JAN-2017

**Humidity:** (20 to 70)% RH

**Temperature:** (23 ± 3)°C

**Procedure:** MTA-T0264

This certifies that the above product was calibrated by an approved Keysight calibration provider in accordance with procedures approved by Keysight Technologies.

**As Received:** Factory tested - No incoming data available.

**As Shipped Conditions:** At the completion of the calibration, measured values were IN-SPECIFICATION at the points tested.

These calibration procedures and test points are those recommended in a procedure developed by Keysight.

**Remarks or special requirements:**

For inquiries regarding this calibration please contact Keysight Technologies at the above address.

**Traceability Information:** Traceability is to the International System of Units (SI), consensus standards or ratio type measurements through national standards realized and maintained by the NIST U.S., NRC Canada, NMIJ Japan, KRISS Korea, Euramet members (NPL, PTB, etc.), NML-SIRIM in Malaysia or other National Measurement Institutes signatories to the CIPM MRA. Supporting documentation relative to traceability is available for review by appointment. This report shall not be reproduced, except in full, without prior written approval of the calibration facility.

**Calibration Equipment Used:**

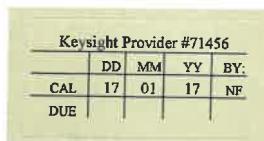
Model Number	Model Description
V8486A	Power Sensor
N9030A	PXA Signal Analyzer
E8257D	Signal Source
E4419B	EPM Series Power Meter
E8257D	Signal Source

*Date used: Date equipment used in this calibration.*

Trace Number	Date Used	Cal Due Date
PA7755	17-JAN-2017	19-MAR-2017
PD7537	17-JAN-2017	08-MAR-2017
PC7874	17-JAN-2017	01-FEB-2017
PA7117	17-JAN-2017	02-MAR-2017
PD7613	17-JAN-2017	12-MAR-2017

**Print Date:** 17-JAN-2017

Ng Kok Seong  
Quality Manager  
Keysight Calibration Provider # 71456





Keysight Technologies Malaysia Sdn Bhd (463532-M)  
Bayan Lepas Free Industrial Zone  
11900 Penang, Malaysia.



5959-4660

## Recommended Due Date for Adjustment/Calibration

Model No: M1970V

Serial No: MY51390962

**The certificate of Calibration accompanying this product states the date this unit was calibrated according to Keysight Technologies' procedures. We have determined that the calibration of this product is not affected by storage of up to 180 days prior to its initial receipt by the customer. The recalibration of this unit should be based on when the product is put into service, plus the recommended calibration interval.**

1. Determine the DATE TESTED from the *Certificate of Calibration* which is shipped with the instrument. This is the date when the instrument was calibrated before it was shipped from the factory.
2. Select the desired adjustment/calibration interval. Refer to the instrument's manuals for calibration interval recommendations or to the requirements of your organization's quality system.  
*Please note that the Calibration Interval may be other than 1 year, e.g.: 2 Years*
3. Determine the date when the next adjustment/calibration is due (refer to the examples shown below).

**Example 1: First-time use of the instrument is less than 180 days after DATE TESTED.**

Date Tested at Factory: April 3, 2014

Example Calibration Interval: 1 Year

First-Time Use of Instrument: June 15, 2014

First-Time Use + Selected Interval = Date for Next Calibration

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June 15, 2014 + 1 Year = June 15, 2015

**Example 2: First-time use of the instrument is more than 180 days after DATE TESTED.**

Date Tested at Factory: April 3, 2014

Example Calibration Interval: 1 Year

First-Time Use of Instrument: November 22, 2014

Date Tested at Factory + 180 Days + Selected Interval = Date for Next Calibration

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April 3, 2014 +180 Days + 1 Year = Sept 30, 2015

Print Date: 17-JAN-2017

  
Tay Eng Su  
Quality Manager

## Conversion Loss Data

Model : M1970V-001

Serial Number : MY51390962

Date : 17-JAN-2017

Frequency (GHz)	Conv.Loss	Frequency (GHz)	Conv.Loss
50.00	14.0	56.75	16.2
50.15	14.0	56.90	16.7
50.30	14.0	57.05	16.3
50.45	13.7	57.20	15.9
50.60	13.8	57.35	15.8
50.75	13.8	57.50	15.9
50.90	13.8	57.65	15.8
51.05	14.1	57.80	15.8
51.20	14.0	57.95	16.0
51.35	14.4	58.10	16.0
51.50	14.3	58.25	16.1
51.65	14.7	58.40	16.2
51.80	14.4	58.55	16.2
51.95	14.3	58.70	16.4
52.10	14.9	58.85	16.5
52.25	14.8	59.00	16.8
52.40	14.5	59.15	17.1
52.55	14.6	59.30	17.1
52.70	14.9	59.45	17.3
52.85	15.0	59.60	17.4
53.00	14.7	59.75	17.0
53.15	15.4	59.90	17.9
53.30	15.4	60.05	17.6
53.45	15.2	60.20	18.1
53.60	15.2	60.35	18.3
53.75	15.5	60.50	17.8
53.90	15.2	60.65	18.2
54.05	16.1	60.80	18.7
54.20	15.9	60.95	18.7
54.35	16.1	61.10	17.8
54.50	16.1	61.25	18.0
54.65	16.1	61.40	18.1
54.80	16.3	61.55	18.2
54.95	16.2	61.70	18.2
55.10	16.0	61.85	18.1
55.25	15.9	62.00	18.4
55.40	16.5	62.15	18.2
55.55	16.1	62.30	18.2
55.70	16.4	62.45	18.0
55.85	16.6	62.60	17.6
56.00	16.4	62.75	17.4
56.15	16.0	62.90	17.5
56.30	15.8	63.05	17.7
56.45	15.9	63.20	17.4
56.60	16.4	63.35	17.2

## Conversion Loss Data

Model : M1970V-001

Serial Number : MY51390962

Date : 17-JAN-2017

Frequency (GHz)	Conv.Loss	Frequency (GHz)	Conv.Loss
63.50	16.9	70.25	16.2
63.65	17.5	70.40	16.0
63.80	17.0	70.55	16.6
63.95	16.5	70.70	15.7
64.10	17.4	70.85	16.7
64.25	16.6	71.00	16.3
64.40	17.0	71.15	16.8
64.55	16.9	71.30	15.7
64.70	17.1	71.45	16.1
64.85	16.5	71.60	16.4
65.00	16.2	71.75	16.6
65.15	16.9	71.90	15.9
65.30	16.5	72.05	16.2
65.45	16.0	72.20	16.2
65.60	16.6	72.35	16.3
65.75	16.2	72.50	15.4
65.90	16.4	72.65	16.2
66.05	16.3	72.80	16.4
66.20	16.1	72.95	16.0
66.35	16.5	73.10	16.1
66.50	16.1	73.25	16.6
66.65	16.7	73.40	16.7
66.80	15.5	73.55	16.5
66.95	16.6	73.70	16.0
67.10	15.8	73.85	15.8
67.25	16.2	74.00	15.9
67.40	16.2	74.15	15.7
67.55	16.6	74.30	16.3
67.70	15.8	74.45	14.9
67.85	16.7	74.60	16.4
68.00	16.4	74.75	15.6
68.15	15.8	74.90	15.4
68.30	16.8		
68.45	16.1		
68.60	16.0		
68.75	16.0		
68.90	17.0		
69.05	15.7		
69.20	16.7		
69.35	16.4		
69.50	15.8		
69.65	16.7		
69.80	16.7		
69.95	16.0		
70.10	16.4		

## South Korean Class A EMC Declaration

### A 급 기기 ( 업무용 방송통신기자재 )

This equipment is Class A suitable for professional use and is for use in electromagnetic environments outside of the home.

이 기기는 업무용 (A 급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

Document Part Number: 5061-7383



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\* 9 3 2 0 - 6 6 9 5 \*

手动衰减器、同轴探测器和耦合器 Manual Attenuators, Coax Detectors, and Couplers						
部件名称 Part Name	有毒有害物质或元素 Toxic or Hazardous Substances and Elements					
	铅 Pb	汞 Hg	镉 Cd	六价铬 CrVI	多溴联苯 PBB	多溴二苯醚 PBDE
连接器 Connectors	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O

可编程衰减器、开关和放大器 Programmable Attenuators, Switches, and Amplifiers						
部件名称 Part Name	有毒有害物质或元素 Toxic or Hazardous Substances and Elements					
	铅 Pb	汞 Hg	镉 Cd	六价铬 CrVI	多溴联苯 PBB	多溴二苯醚 PBDE
金属机架和面板 Metal chassis and panels	X	O	O	O	O	O
金属扣件 Metal fasteners	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O
印制电路板 Printed circuit assemblies	X	O	O	O	O	O
电源组件 Power supply assemblies	X	O	O	O	O	O
连接器 Connectors	X	O	X	O	O	O
电缆 Cables	X	O	O	O	O	O

Test fixtures, standards and calibration kits						
部件名称 Part Name	有毒有害物质或元素 Toxic or Hazardous Substances and Elements					
	铅 Pb	汞 Hg	镉 Cd	六价铬 CrVI	多溴联苯 PBB	多溴二苯醚 PBDE
金属机架和面板 Metal chassis and panels	X	O	O	O	O	O
金属扣件 Metal fasteners	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O
印制电路板 Printed circuit assemblies	X	O	O	O	O	O
连接器 Connectors	X	O	O	O	O	O
电缆 Cables	X	O	O	O	O	O

本表格依据SJ/T 11364的规定编制。

The table is made according to SJ/T 11364.

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 标准规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件某一均质材料中的含量超出GB/T 26572 标准规定的限量要求。

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

如果上述表单多于一个, 请参考您的订单或者装箱单从上述表格中找到适合您的产品的列表。

If more than one table is shown above, reference your order or packing list to determine which is applicable to your product.

若您需要了解有关本产品的生产日期信息, 请联系您的是德科技销售代表。

If you have a question about the manufacturing date for your product, ask your Keysight representative

有关如何与是德科技联系的信息, 请参考产品使用手册。

For Keysight contact information, please reference your product manual.

根据中国《电子电器产品污染控制管理办法》的规定, 是德科技已经为本产品标识了显示其环保使用期限的数字。该数字是对本产品在正常使用和操作条件下的使用寿命的评估, 其使用和操作条件已经在产品使用手册上做出了明确的规定和说明。该数字仅为与《管理办法》为目的的活动提供参考, 并不意味着担保本产品在环保使用期限过期前免于损坏。该环保使用期限不代表任何担保或保证。该环保使用期限数字不改变任何创立的担保, 并且不影响该产品销售相关的任何方面、任何项目及条件。您使用的是德科技产品可能包含一些可替换的零部件(包括驱动器、电源、鼠标、显示器或者电池等非是德科技制造的产品), 他们的环保使用期限比是德科技产品本身的环保使用期限短。对于这些非是德科技制造的零部件标识其环保使用期限数字, 其本身的EPUP有高的优先权, 是德科技对非是德科技制造的产品的环保使用期限没有任何主张也不负任何责任。

In accordance with the requirements of China's Administrative Measure on the Restriction of Hazardous Substances Usage in Electrical and Electronic Products (the "Measure"), Keysight has labeled this product with a number identifying its Environment-Protection Use Period ("EPUP"). This number reflects an estimate of the expected life of the product under the normal use and operating conditions as defined in the product user manual which is distributed with the product. Use of the number is only for purposes related to the Measure and does not imply or guarantee that the product is free from defects prior to the EPUP expiration date. No warranties or guarantees are implied by use of the EPUP number. Use of the EPUP number does not alter any warranties found in, nor affect in any way, the terms and conditions associated with the purchase of this product.

Your Keysight product may contain replaceable assemblies/components (including disk drive, power supply, mouse, display, or battery, which are not manufactured by Keysight) which have a shorter EPUP number than that which is indicated on the product itself. In cases where the assembly, component, or part is labeled with an EPUP which differs from the one indicated by Keysight, the EPUP on the assemblies/component or part takes precedence. Keysight makes no claims concerning, and takes no responsibility for the EPUP numbers reflected on goods which are not manufactured by Keysight.

Revision: G



Keysight Technologies Malaysia Sdn Bhd (463532-M)  
Bayan Lepas Free Industrial Zone  
11900 Penang, Malaysia  
Keysight Approved Calibration provider #71456



5962-0476

## Certificate Of Calibration

Certificate No: M1970WMY5143088420161207

**Manufacturer:** Keysight Technologies

**Model No:** M1970W

**Options Installed With Specifications:** N/A

**Description:** Waveguide Harmonic Mixer

**Serial No:** MY51430884

**Date of Calibration:** 07-DEC-2016

**Humidity:** (20 to 70)% RH

**Temperature:** (23 ± 3)°C

**Procedure:** MTA-T0264

This certifies that the above product was calibrated by an approved Keysight calibration provider in accordance with procedures approved by Keysight Technologies.

**As Received:** Factory tested - No incoming data available.

**As Shipped Conditions:** At the completion of the calibration, measured values were IN-SPECIFICATION at the points tested.

These calibration procedures and test points are those recommended in a procedure developed by Keysight.

**Remarks or special requirements:**

For inquiries regarding this calibration please contact Keysight Technologies at the above address.

**Traceability Information:** Traceability is to the International System of Units (SI), consensus standards or ratio type measurements through national standards realized and maintained by the NIST U.S., NRC Canada, NMJ Japan, KRISS Korea, Euramet members (NPL, PTB, etc.), NML-SIRIM in Malaysia or other National Measurement Institutes signatories to the CIPM MRA. Supporting documentation relative to traceability is available for review by appointment. This report shall not be reproduced, except in full, without prior written approval of the calibration facility.

**Calibration Equipment Used:**

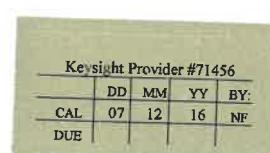
Model Number	Model Description
N9030A	PXA Signal Analyzer
E8257D	Signal Source
E4419B	EPM Series Power Meter
E8257D	Signal Source
W8486A	Power Sensor

*Date used: Date equipment used in this calibration.*

Trace Number	Date Used	Cal Due Date
PD7537	07-DEC-2016	08-MAR-2017
PC7874	07-DEC-2016	01-FEB-2017
PA7117	07-DEC-2016	02-MAR-2017
PD7613	07-DEC-2016	12-MAR-2017
PC7596	07-DEC-2016	28-JUN-2017

Print Date: 08-DEC-2016

Ng Kok Seong  
Quality Manager  
Keysight Calibration Provider # 71456





Keysight Technologies Malaysia Sdn Bhd (463532-M)  
Bayan Lepas Free Industrial Zone  
11900 Penang, Malaysia.



5959-4660

## Recommended Due Date for Adjustment/Calibration

**Model No:** M1970W

**Serial No:** MY51430884

**The certificate of Calibration accompanying this product states the date this unit was calibrated according to Keysight Technologies' procedures. We have determined that the calibration of this product is not affected by storage of up to 180 days prior to its initial receipt by the customer. The recalibration of this unit should be based on when the product is put into service, plus the recommended calibration interval.**

1. Determine the DATE TESTED from the *Certificate of Calibration* which is shipped with the instrument. This is the date when the instrument was calibrated before it was shipped from the factory.
2. Select the desired adjustment/calibration interval. Refer to the instrument's manuals for calibration interval recommendations or to the requirements of your organization's quality system.  
*Please note that the Calibration Interval may be other than 1 year, e.g.: 2 Years*
3. Determine the date when the next adjustment/calibration is due (refer to the examples shown below).

**Example 1: First-time use of the instrument is less than 180 days after DATE TESTED.**

Date Tested at Factory: April 3, 2014  
Example Calibration Interval: 1 Year  
First-Time Use of Instrument: June 15, 2014

First-Time Use + Selected Interval = Date for Next Calibration

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June 15, 2014 + 1 Year = June 15, 2015

**Example 2: First-time use of the instrument is more than 180 days after DATE TESTED.**

Date Tested at Factory: April 3, 2014  
Example Calibration Interval: 1 Year  
First-Time Use of Instrument: November 22, 2014

Date Tested at Factory + 180 Days + Selected Interval = Date for Next Calibration

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April 3, 2014 +180 Days + 1 Year = Sept 30, 2015

**Print Date:** 08-DEC-2016

  
Tay Eng Su  
Quality Manager

## Conversion Loss Data

Model : M1970W

Serial Number : MY51430884

Date : 07-DEC-2016

Frequency (GHz)	Conv.Loss	Frequency (GHz)	Conv.Loss
75.00	18.6	81.75	20.7
75.15	19.1	81.90	21.2
75.30	19.3	82.05	20.8
75.45	19.5	82.20	21.0
75.60	19.1	82.35	21.0
75.75	18.6	82.50	21.4
75.90	19.2	82.65	20.9
76.05	19.2	82.80	20.9
76.20	19.4	82.95	21.4
76.35	19.7	83.10	21.2
76.50	19.7	83.25	21.4
76.65	19.5	83.40	21.3
76.80	19.6	83.55	21.6
76.95	19.4	83.70	20.9
77.10	19.7	83.85	21.6
77.25	19.4	84.00	21.6
77.40	19.9	84.15	21.2
77.55	19.9	84.30	20.9
77.70	20.2	84.45	21.3
77.85	19.7	84.60	21.2
78.00	19.9	84.75	21.6
78.15	20.1	84.90	20.9
78.30	19.9	85.05	21.4
78.45	19.2	85.20	20.6
78.60	19.4	85.35	20.7
78.75	19.8	85.50	21.3
78.90	20.3	85.65	20.8
79.05	20.6	85.80	21.6
79.20	20.2	85.95	21.4
79.35	20.0	86.10	21.3
79.50	20.1	86.25	21.0
79.65	20.5	86.40	20.9
79.80	20.3	86.55	21.2
79.95	19.5	86.70	20.3
80.10	20.5	86.85	20.2
80.25	19.7	87.00	20.3
80.40	20.2	87.15	20.5
80.55	20.5	87.30	20.7
80.70	20.3	87.45	20.8
80.85	20.7	87.60	20.4
81.00	20.4	87.75	20.2
81.15	20.9	87.90	20.7
81.30	20.3	88.05	21.0
81.45	20.9	88.20	20.4
81.60	20.2	88.35	20.0

## Conversion Loss Data

Model : M1970W

Serial Number : MY51430884

Date : 07-DEC-2016

Frequency (GHz)	Conv.Loss	Frequency (GHz)	Conv.Loss
88.50	19.9	95.25	18.7
88.65	20.8	95.40	19.0
88.80	20.2	95.55	18.7
88.95	20.3	95.70	19.1
89.10	21.0	95.85	18.8
89.25	20.4	96.00	19.0
89.40	20.7	96.15	19.0
89.55	21.2	96.30	19.0
89.70	20.5	96.45	18.7
89.85	20.8	96.60	19.6
90.00	20.9	96.75	18.6
90.15	21.0	96.90	18.5
90.30	20.8	97.05	19.5
90.45	21.0	97.20	19.1
90.60	21.4	97.35	18.9
90.75	20.1	97.50	18.2
90.90	20.5	97.65	18.6
91.05	19.8	97.80	18.1
91.20	20.4	97.95	18.7
91.35	20.2	98.10	17.9
91.50	20.4	98.25	18.7
91.65	20.2	98.40	18.1
91.80	20.3	98.55	18.8
91.95	20.1	98.70	18.3
92.10	19.9	98.85	17.8
92.25	20.1	99.00	17.7
92.40	20.7	99.15	18.0
92.55	20.4	99.30	17.8
92.70	20.9	99.45	18.4
92.85	20.3	99.60	17.5
93.00	20.5	99.75	18.1
93.15	20.2	99.90	18.3
93.30	20.6	100.05	18.3
93.45	20.4	100.20	18.6
93.60	19.9	100.35	18.2
93.75	19.9	100.50	18.0
93.90	19.8	100.65	17.7
94.05	19.8	100.80	17.4
94.20	19.8	100.95	17.6
94.35	19.5	101.10	17.3
94.50	19.7	101.25	18.4
94.65	19.0	101.40	17.1
94.80	19.7	101.55	17.3
94.95	19.0	101.70	17.5
95.10	18.9	101.85	17.5

## Conversion Loss Data

Model : M1970W

Serial Number : MY51430884

Date : 07-DEC-2016

Frequency (GHz)	Conv.Loss	Frequency (GHz)	Conv.Loss
102.00	17.8	108.75	18.1
102.15	18.1	108.90	18.0
102.30	18.3	109.05	18.0
102.45	18.4	109.20	17.8
102.60	18.3	109.35	18.3
102.75	17.9	109.50	17.6
102.90	18.4	109.65	18.5
103.05	18.0	109.80	18.1
103.20	18.1	109.95	17.2
103.35	18.5		
103.50	17.6		
103.65	17.8		
103.80	18.2		
103.95	18.1		
104.10	18.2		
104.25	18.6		
104.40	17.4		
104.55	18.4		
104.70	17.7		
104.85	17.5		
105.00	18.3		
105.15	17.4		
105.30	18.0		
105.45	18.3		
105.60	17.5		
105.75	17.2		
105.90	18.5		
106.05	17.5		
106.20	17.8		
106.35	17.8		
106.50	17.3		
106.65	17.6		
106.80	17.8		
106.95	17.7		
107.10	16.9		
107.25	17.3		
107.40	17.6		
107.55	18.3		
107.70	17.5		
107.85	17.5		
108.00	17.1		
108.15	17.9		
108.30	17.1		
108.45	17.8		
108.60	17.4		

## South Korean Class A EMC Declaration

### A 급 기기 ( 업무용 방송통신기자재 )

This equipment is Class A suitable for professional use and is for use in electromagnetic environments outside of the home.

이 기기는 업무용 (A 급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

Document Part Number: 5061-7383



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## 手动衰减器、同轴探测器和耦合器 Manual Attenuators, Coax Detectors, and Couplers

## 部件名称

## Part Name

## 有毒有害物质或元素

## Toxic or Hazardous Substances and Elements

	Pb	Hg	Cd	CrVI	PBB	PBDE
连接器 Connectors	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O

## 可编程衰减器、开关和放大器 Programmable Attenuators, Switches, and Amplifiers

## 部件名称

## Part Name

## 有毒有害物质或元素

## Toxic or Hazardous Substances and Elements

	Pb	Hg	Cd	CrVI	PBB	PBDE
金属机架和面板 Metal chassis and panels	X	O	O	O	O	O
金属扣件 Metal fasteners	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O
印制电路板 Printed circuit assemblies	X	O	O	O	O	O
电源组件 Power supply assemblies	X	O	X	O	O	O
连接器 Connectors	X	O	O	O	O	O
电缆 Cables	X	O	O	O	O	O

## Test fixtures, standards and calibration kits

## 部件名称

## Part Name

## 有毒有害物质或元素

## Toxic or Hazardous Substances and Elements

	Pb	Hg	Cd	CrVI	PBB	PBDE
金属机架和面板 Metal chassis and panels	X	O	O	O	O	O
金属扣件 Metal fasteners	X	O	O	O	O	O
机械部件 Machined parts	X	O	O	O	O	O
印制电路板 Printed circuit assemblies	X	O	O	O	O	O
连接器 Connectors	X	O	O	O	O	O
电缆 Cables	X	O	O	O	O	O

本表格依据SJ/T 11364的规定编制。

The table is made according to SJ/T 11364.

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 标准规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件某一均质材料中的含量超出GB/T 26572 标准规定的限量要求。

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in GB/T 26572.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

如果上述表单多于一个, 请参考您的订单或者装箱单从上述表格中找到适合您的产品的列表。

If more than one table is shown above, reference your order or packing list to determine which is applicable to your product.

若您需要了解有关本产品的生产日期信息, 请联系您的是德科技销售代表。

If you have a question about the manufacturing date for your product, ask your Keysight representative.

有关如何与是德科技联系的信息, 请参考产品使用手册。

For Keysight contact information, please reference your product manual.

根据中国《电子电器产品污染控制管理办法》的规定, 是德科技已经为本产品标识了显示其环保使用期限的数字。该数字是对本产品在正常使用和操作条件下的使用寿命的评估, 其使用和操作条件已经在产品使用手册上做出了明确的规定和说明。该数字仅为与《管理办法》为目的的活动提供参考, 并不意味着并担保本产品在环保使用期限过期前免于损坏。该环保使用期限不代表任何担保或保证, 该环保使用期限数字不改变任何创立的担保, 并且不影响与该产品销售相关的任何方面、任何项目及条件。您使用的是德科技产品可能包含一些可替换的零部件(包括驱动器、电源、鼠标、显示器或者电池等非是德科技制造的产品), 他们的环保使用期限比是德科技产品本身的环保使用期限短。对于这些非是德科技制造的零部件标识其环保使用期限数字, 其本身的EPLP有高的优先权, 是德科技对非是德科技制造的产品的环保使用期限没有任何主张也不负任何责任。

In accordance with the requirements of China's Administrative Measure on the Restriction of Hazardous Substances Usage in Electrical and Electronic Products (the "Measure"), Keysight has labeled this product with a number identifying its Environment-Protection Use Period ("EPUP"). This number reflects an estimate of the expected life of the product under the normal use and operating conditions as defined in the product user manual which is distributed with the product. Use of the number is only for purposes related to the Measure and does not imply or guarantee that the product is free from defects prior to the EPUP expiration date. No warranties or guarantees are implied by use of the EPUP number. Use of the EPUP number does not alter any warranties found in, nor affect in any way, the terms and conditions associated with the purchase of this product.

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