



报告编号: B20X20358

## 检验报告

产品型号:_	S12500CR 系列
产品名称 : _	交换机
受检单位:	新华三技术有限公司
生产单位 :	新华三技术有限公司
检验类别:	委托检验







#### 注 意 事 项

- 1. 本报告无"检验检测专用章"或单位公章无效。
- 2. 本报告法律责任由中国信息通信研究院承担,纸质报告需加盖骑缝章。
- 3. 复制本报告未重新加盖"检验检测专用章"无效。
- 4. 本报告无主检、审核、批准人签字无效。
- 5. 本报告涂改无效。
- 6. 为了客户的利益,若对本报告有异议,请于收到本报告之日起 十五日内向本检验机构提出。
- 7. 本报告中样品由客户提供,测试结果仅适用于实验室收到的样品。本报告中样品来源信息(如送样人、产地、生产单位等)由客户提供,实验室不负责其真实性。
- 8. 未经实验室书面批准不得部分复制本报告。
- 9. 中国泰尔实验室质量管理体系共包括以下 10 个机构:

国家通信计量站 国家电话机质量监督检验中心 国家物联网通信产品质量监督检验中心 信息产业北京移动通信设备质量监督检验中心 信息产业图文通信设备质量监督检验中心 信息产业北京电话交换设备质量监督检验中心 信息产业通信电磁兼容质量监督检验中心 信息产业通信软件测评中心 信息产业邮电工业产品质量监督检验中心 信息产业通信设备抗震性能质量监督检验中心

10. 报告真伪查询: http://test.chinattl.com/InfoOpen/InfoOpen\_JDZW.aspx

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## 中国泰尔实验室

检验验据告告报告编号: B20X20358共91页 共 91 页 第 1 页

产品名称	交换机	样品型号	S12500CR 系列
受检单位	新华三技术有限公司	检验类别	委托检验
生产单位	新华三技术有限公司	到样日期	2020.04.15
送 样 者	金光	样品数量	1台
样品编号	2020	004150004	
产地	浙江	[省杭州市	
检验依据	  1.《新华三技术有限公司交换机测 	试方案》	
检	应委托方要求,我实验室根据 送检的 S12508CR 交换机进行检验		
<u>验</u> 结		检验章	WHICATION FOR
论	3	签发日期 <b>2020</b> 年	位验检测专用章 (15)
备注	1.样品型号"S12500CR 系列"中 2.本次测试样品为型号 S12508CR		数字;

批准: 审核: 写丹 主检: 梁仲华





#### 检验样品描述

报告编号: B20X20358 共 91 页 第 2 页

设备名称: 交换机

型 号: S12500CR 系列

软件版本: 9.0.001

S12508CR 交换机具有 2 个主控卡插槽, 8 个业务卡

插槽。本次测试使用 1 块 LSXM1SUPKR1 主控板卡,

样品描述: 2 块 LSXM1CDQ36KBR1 业务板卡, 每块

LSXM1CDQ36KBR1业务板卡具有36个400G接口,

一共72个400G接口。





## 检验样品照片

报告编号: B20X20358 共 91 页 第 3 页

设备名称: 交换机

型 号: S12500CR 系列

拍摄部位: 1、正面; 2、背面; 3、铭牌

拍摄地点:新华三技术有限公司

日 期: 2020.04.15

照 片:

1、正面







## 检验样品照片

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2、背面







## 检验样品照片

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3、铭牌







# 检验内容一览表 B20X20358 共91页第6页

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序号	检验项目	检验结果
1	二层流量测试	通过
2	满规格 MAC 流量测试	通过
3	三层流量测试	通过
4	满规格 IPv4 路由流量测试	通过
5	IPv6 流量测试	通过
6	满规格 IPv6 路由流量测试	通过
7	满规格 IPv4/IPv6 双栈路由流量测试	通过
8	功耗测试	通过
9	SRv6 互通测试	通过

审核人: 图井

填表人: 梁仲卒





## 检验结果

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#### 1 二层流量测试

测试目的:	验证二层满端口流量不丢包
测试配置及连接	DUT Tester
关系(图示):	
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建二层 fullmesh 流量,流量字节大小为 231、232、256、
	512、1024、1280、1518、9000;
	3、观察流量丢包情况,有预期结果1;
预期结果:	1、所有字节流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立二层Device:





## 检验结果

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Port Name			DS-Lite Device Name	BFD Tags	BGP	Device Count	Source MAC Address
Don't Had	1 100 1017						00.40.00.00.00.00
	1.126.101/:	-	2-1		to a	1	00:10:93:00:00:00
	1.126.101/:	-	2-2	_	to a	1	00:10:93:00:00:01
	1.126.101/		2-3		to a	1	00:10:93:00:00:02
	1.126.101/		2-4		to a	1	00:10:93:00:00:03
	1.126.101/		2-5		to a	1	00:10:93:00:00:04
	1.126.101/		2-6		to a	1	00:10:93:00:00:05
	1.126.101/	-	2-7		to a	1	00:10:93:00:00:06
	1.126.101/		2-8		to a	1	00:10:93:00:00:07
	1.126.102/		2-9		to a	1	00:10:93:00:00:08
	1.126.102/		2-10	_	to a	1	00:10:93:00:00:09
	1.126.102/	-	2-11		to a	1	00:10:93:00:00:0A
	1,126,102/:	-	2-12		to a	1	00:10:93:00:00:0B
Port //16.	1,126,102/:	1/33	2-13	Click	to a	1	00:10:93:00:00:0C
Port //16.	1,126,102/:	1/41	2-14	Click	to a	1	00:10:93:00:00:0D
Port //16.	1,126,102/:	1/49	2-15	Click	to a	1	00:10:93:00:00:0E
Port //16.	1,126,102/3	1/57	2-16	Click	to a	1	00:10:93:00:00:0F
Port //16.	1,126,103/:	1/1	2-17	Click	to a	1	00:10:93:00:00:10
Port //16.	1,126,103/:	1/9	2-18	Click	to a	1	00:10:93:00:00:11
Port //16.	1,126,103/:	1/17	2-19	Click	to a	1	00:10:93:00:00:12
Port //16.	1,126,103/:	1/25	2-20	Click	to a	1	00:10:93:00:00:13
Port //16.	1,126,103/:	1/33	2-21	Click	to a	1	00:10:93:00:00:14
Port //16.	1.126.103/:	1/41	2-22	Click	to a	1	00:10:93:00:00:15
Port //16.	1.126.103/:	1/49	2-23	Click	to a	1	00:10:93:00:00:16
Port //16.	1.126.103/:	1/57	2-24	Click	to a	1	00:10:93:00:00:17
Port //16.	1.126.104/	1/1	2-25	Click	to a	1	00:10:93:00:00:18
Port //16.	1.126.104/	1/9	2-26	Click	to a	1	00:10:93:00:00:19
Port //16.	1.126.104/	1/17	2-27	Click	to a	1	00:10:93:00:00:1A
Port //16.	1.126.104/	1/25	2-28	Click	to a	1	00:10:93:00:00:1B
Port //16.	1.126.104/	1/33	2-29	Click	to a	1	00:10:93:00:00:10
Port //16.	1.126.104/	1/41	2-30	Click	to a	1	00:10:93:00:00:1D
D==E 2/4.6	1 100 1042	140	0.01	Z1:⊒1.	٠	1	00.10.00.00.00.15

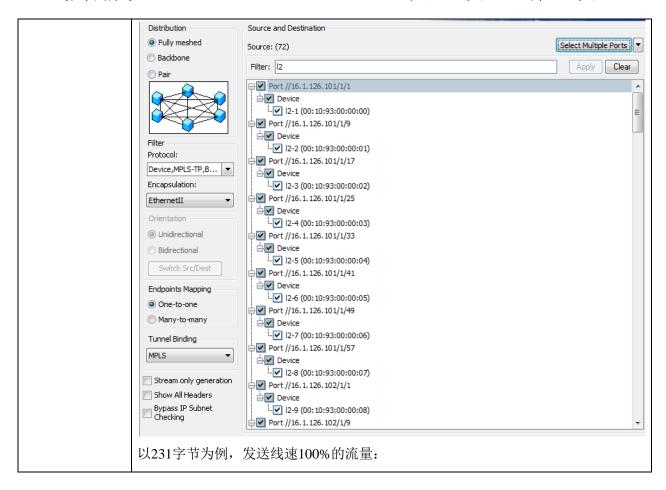




#### 检验结果

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## 检验结果

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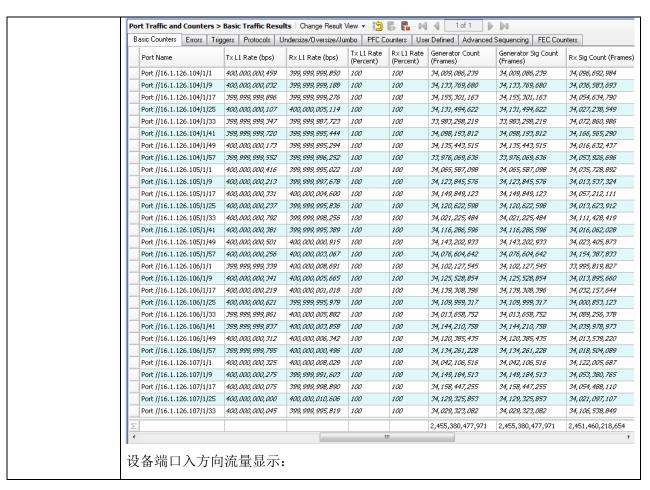
itatus	Active -	Name	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Length Mode
•	<b>V</b>	L2-1	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-2	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-3	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-4	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-5	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-6	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-7	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-8	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-9	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-10	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-11	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-12	Click to ad	71	100	Percent (%)	231	Fixed
•	V	L2-13	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-14	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	L2-15	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	L2-16	Click to ad	71	100	Percent (%)	231	Fixed
<b>(4)</b>	<b>V</b>	L2-17	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-18	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-19	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-20	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-21	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	V	L2-22	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	L2-23	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	L2-24	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	L2-25	Click to ad	71	100	Percent (%)	231	Fixed
<u>_</u>	<b>V</b>	L2-26	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-27	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-28	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-29	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	L2-30	Click to ad	71	100	Percent (%)	231	Fixed
<u> </u>	<b>V</b>	L2-31	Click to ad	71	100	Percent (%)	231	Fixed
			III					





#### 检验结果

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## 检验结果

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Usage: Bandwidth	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps
400GE6/0/1	100	199545364		
400GE6/0/2	100	199823222		
400GE6/0/3	100	199912072		
400GE6/0/4	100	199643841		
400GE6/0/5	100	199426928		
400GE6/0/6	100	199358037		
400GE6/0/7	100	199347736		
400GE6/0/8	100	199298165		
400GE6/0/9	100	199296275		
400GE6/0/10	100	203222044		
400GE6/0/11	100	203209703		
400GE6/0/12	100	203185908		
400GE6/0/13	100	203183219		
400GE6/0/14	100	203223902		
400GE6/0/15	100	203223036		
400GE6/0/16	100	203221905		
400GE6/0/17	100	203068210		
400GE6/0/18	100	203181625		
400GE6/0/19	100	207519657		
400GE6/0/20	100	207766785		
400GE6/0/21	100	207472515		
400GE6/0/22	100	207198106		
400GE6/0/23	100	206939736		
400GE6/0/24	100	206643007		
400GE6/0/25	100	206302930		
400GE6/0/26	100	205994540		
400GE6/0/27	100	205740641		
400GE6/0/28	100	209820931		
400GE6/0/29	100	209537571		
400GE6/0/30	100	209228883		
400GE6/0/31	100	208966649		
400GE6/0/32	100	208622311		
400GE6/0/33	100	208301353		
400GE6/0/34	100	208038433		
400GE6/0/35	100	207279679		
400GE6/0/36	100	206977828		





## 检验结果

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	100GE8/0/1	100	201013765	
	100GE8/0/2	100	199904710	
	100GE8/0/3	100	199652748	
	100GE8/0/4	100	199503129	
	100GE8/0/5	100	199503163	
	100GE8/0/6	100	199506854	
	100GE8/0/7	100	199509802	
	100GE8/0/8	100	199580117	
	100GE8/0/9	100	199582027	
	100GE8/0/10	100	198802053	
	100GE8/0/11	100	198833752	
	100GE8/0/12	100	198774688	
	100GE8/0/13	100	198749707	
	100GE8/0/14	100	198751713	
	100GE8/0/15	100	198767044	
	100GE8/0/16	100	198768220	
	100GE8/0/17	100	198773476	
	100GE8/0/18	100	198781059	
	100GE8/0/19	100	199328443	
	100GE8/0/20	100	199416559	
	100GE8/0/21	100	199375953	
	100GE8/0/22	100	199376287	
	100GE8/0/23	100	199414691	
	100GE8/0/24	100	199417496	
	100GE8/0/25	100	199420416	
	100GE8/0/26	100	199385546	
	100GE8/0/27	100	199388600	
	100GE8/0/28	100	201180121	
	100GE8/0/29	100	201181069	
	100GE8/0/30	100	201184584	
	100GE8/0/31	100	201181835	
	100GE8/0/32	100	201195099	
	100GE8/0/33	100	201066822	
	100GE8/0/34	100	201050459	
	100GE8/0/35	100	201052614	
	100GE8/0/36	100	201046936	
	Overflow: More than 14 di	igits.		
	: Not supported.			
	[H3C]			
	设备端口出方向流量显示	<b>:</b>		





## 检验结果

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Usage: Bandwidtr	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pp:
400GE6/0/1	100	199165545		
400GE6/0/2	100	199111948		
400GE6/0/3	100	199106755		
400GE6/0/4	100	199124307		
400GE6/0/5	100	199136383		
400GE6/0/6	100	199209963		
400GE6/0/7	100	199208914		
400GE6/0/8	100	199325112		
400GE6/0/9	100	199327713		
400GE6/0/10	100	201173659		
400GE6/0/11	100	200925179		
400GE6/0/12	100	200660464		
400GE6/0/13	100	200398792		
400GE6/0/14	100	200123388		
400GE6/0/15	100	200049899		
400GE6/0/16	100	200050832		
400GE6/0/17	100	200014203		
400GE6/0/18	100	199932045		
400GE6/0/19	100	199071657		
400GE6/0/20	100	199067028		
400GE6/0/21	100	199065625		
400GE6/0/22	100	199010348		
400GE6/0/23	100	198897613		
400GE6/0/24	100	198479024		
400GE6/0/25	100	198481892		
400GE6/0/26	100	198475706		
400GE6/0/27	100	198511324		
400GE6/0/28	100	199647917		
400GE6/0/29	100	199660964		
400GE6/0/30	100	199662351		
400GE6/0/31	100	199649016		
400GE6/0/32	100	199647172		
400GE6/0/33	100	199648714		
400GE6/0/34	100	199604318		
400GE6/0/35	100	199607833		
400GE6/0/36	100	199653094		





## 检验结果

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400GE8/0/1	100	199202942		
400GE8/0/2	100	199182334		
400GE8/0/3	100	199180065		
400GE8/0/4	100	199207299		
400GE8/0/5	100	199295753		
400GE8/0/6	100	199300088		
400GE8/0/7	100	199342303		
400GE8/0/8	100	198868292		
400GE8/0/9	100	198748715		
400GE8/0/10	100	199627642		
400GE8/0/11	100	199624491		
400GE8/0/12	100	199622049		
400GE8/0/13	100	199664365		
400GE8/0/14	100	199605482		
400GE8/0/15	100	199601738		
400GE8/0/16	100	199585444		
400GE8/0/17	100	199622201		
400GE8/0/18	100	199604483		
400GE8/0/19	100	201521820		
400GE8/0/20	100	201479399		
400GE8/0/21	100	201478332		
400GE8/0/22	100	201476583		
400GE8/0/23	100	201472936		
400GE8/0/24	100	201431386		
400GE8/0/25	100	201224684		
400GE8/0/26	100	200775342		
400GE8/0/27	100	200605244		
400GE8/0/28	100	198883501		
400GE8/0/29	100	198966081		
400GE8/0/30	100	199139307		
400GE8/0/31	100	199144803		
400GE8/0/32	100	199143532		
400GE8/0/33	100	199129273		
400GE8/0/34	100	199134543		
400GE8/0/35	100	199134573		
400GE8/0/36	100	199100571		
Overflow: More than				
: Not suppo	orted.			
[H3C]				
		14411日 アギケ		
停流后观察测试仪,	显示収及思1	<b>丌</b>	:	

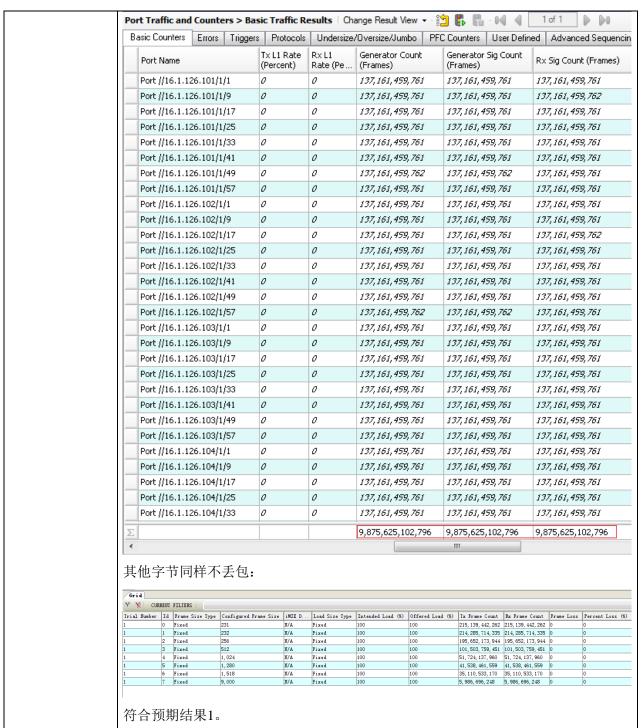




#### 检验结果

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## 检验结果

报告编号: B20X20358 共 91 页 第 17 页

#### 2 满规格 MAC 流量测试

测试目的:	验证满规格 MAC 流量不丢包
测试配置及连接	DUT Tester
关系(图示):	
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建二层 fullmesh 流量,流量源 MAC 变化,变化数量
	为设备 MAC 规格;
	3、观察流量丢包情况,有预期结果 1;
预期结果:	1、流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立二层Device,每个Device学习7000个MAC,共500K MAC:





#### 检验结果

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mulated Device Interface 6	6rd/6to4	DS-Lite	BFD	BGF	3		
Port Name		Device Name	Tags		Device Count	Source MAC Address	Source Mac Modifier
Port //16.1.126.101/1/1	ı r	mac-1	Click to	a	7000	00:10:94:00:00:01	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/9	э г	mac-2	Click to	a	7000	00:10:94:00:1B:59	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/1	17 r	mac-3	Click to	a	7000	00:10:94:00:36:B1	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/2	25 r	mac-4	Click to	a	7000	00:10:94:00:52:09	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/3	33 r	mac-5	Click to	a	7000	00:10:94:00:6D:61	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/4	41 r	mac-6	Click to	a	7000	00:10:94:00:88:B9	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/4	19 r	mac-7	Click to	a	7000	00:10:94:00:A4:11	Step = 00:00:00:00:00:01
Port //16.1.126.101/1/5	57 r	mac-8	Click to	a	7000	00:10:94:00:BF:69	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/1	1 1	mac-9	Click to	a	7000	00:10:94:00:DA:C1	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/9	э г	mac-10	Click to	a	7000	00:10:94:00:F6:19	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/1	17 r	mac-11	Click to	a	7000	00:10:94:01:11:71	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/2	25 r	mac-12	Click to	a	7000	00:10:94:01:2C:C9	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/3	33 r	mac-13	Click to	a	7000	00:10:94:01:48:21	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/4	41 г	mac-14	Click to	a	7000	00:10:94:01:63:79	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/4	19 r	mac-15	Click to	a	7000	00:10:94:01:7E:D1	Step = 00:00:00:00:00:01
Port //16.1.126.102/1/5	57 r	mac-16	Click to	a	7000	00:10:94:01:9A:29	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/1	ı	mac-17	Click to	a	7000	00:10:94:01:B5:81	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/9	Э г	mac-18	Click to	a	7000	00:10:94:01:D0:D9	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/1	17 r	mac-19	Click to	a	7000	00:10:94:01:EC:31	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/2	25 r	mac-20	Click to	a	7000	00:10:94:02:07:89	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/3	33 r	mac-21	Click to	a	7000	00:10:94:02:22:E1	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/4	<del>1</del> 1 r	mac-22	Click to	a	7000	00:10:94:02:3E:39	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/4	19 r	mac-23	Click to	a	7000	00:10:94:02:59:91	Step = 00:00:00:00:00:01
Port //16.1.126.103/1/5	57 r	mac-24	Click to	a	7000	00:10:94:02:74:E9	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/1	ı r	mac-25	Click to	a	7000	00:10:94:02:90:41	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/9	) r	mac-26	Click to	a	7000	00:10:94:02:AB:99	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/1	17 r	mac-27	Click to	a	7000	00:10:94:02:C6:F1	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/2	25 r	mac-28	Click to	a	7000	00:10:94:02:E2:49	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/3	33 r	mac-29	Click to	a	7000	00:10:94:02:FD:A1	Step = 00:00:00:00:00:01
Port //16.1.126.104/1/4	41 r	mac-30	Click to	a	7000	00:10:94:03:18:F9	Step = 00:00:00:00:00:01

设备MAC数量显示,MAC规格为500K:

[H3C]display mac-address count 504000 mac address(es) found. [H3C]

基于二层Device,建立fullmesh流量:

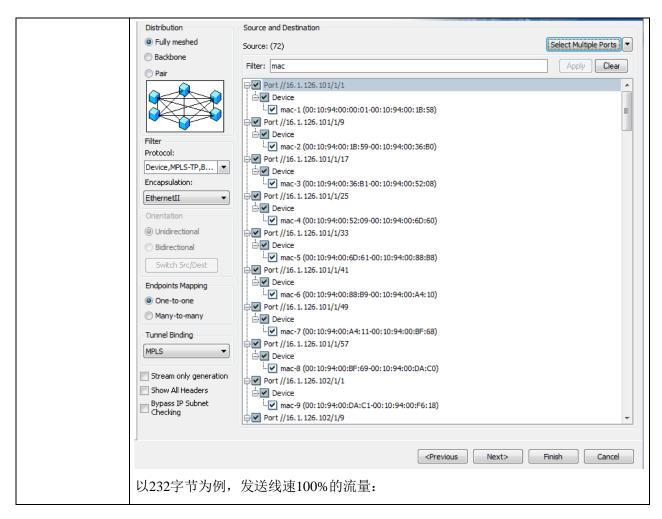




#### 检验结果

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## 检验结果

Status	Active	Name	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Length Mode
•	<b>V</b>	MAC-1	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-2	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-3	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-4	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-5	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-6	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-7	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-8	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-9	Click to ad	71	100	Percent (%)	232	Fixed
4	V	MAC-10	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-11	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-12	Click to ad	71	100	Percent (%)	232	Fixed
<u>_</u>	V	MAC-13	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-14	Click to ad	71	100	Percent (%)	232	Fixed
4	V	MAC-15	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-16	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-17	Click to ad	71	100	Percent (%)	232	Fixed
•	<b>V</b>	MAC-18	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-19	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-20	Click to ad	71	100	Percent (%)	232	Fixed
<b>(4)</b>	<b>V</b>	MAC-21	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-22	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-23	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-24	Click to ad	71	100	Percent (%)	232	Fixed
4	<b>V</b>	MAC-25	Click to ad	71	100	Percent (%)	232	Fixed
4	V	MAC-26	Click to ad	71	100	Percent (%)	232	Fixed
4	V	MAC-27	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-28	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-29	Click to ad	71	100	Percent (%)	232	Fixed
4	V	MAC-30	Click to ad	71	100	Percent (%)	232	Fixed
•	V	MAC-31	Click to ad	71	100	Percent (%)	232	Fixed

测试仪发送流量:





## 检验结果

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	Port Name	Tx L1 Rate (bps)	Rx L1 Rate (bps)	Tx L1 Rate (Percent)	Rx L1 Rate (Percent)	Generator Count (Frames)	Generator Sig Count (Frames)	Rx Sig Count (Frame
-	Port //16.1.126.101/1/1	400,000,000,274	400,000,003,899	100	100	2, 983, 695, 453	2, 983, 695, 453	3,074,717,667
	Port //16.1.126.101/1/9	399, 999, 999, 656	399, 999, 995, 484	100	100	3,103,236,252	3,103,236,252	2,993,076,381
	Port //16.1.126.101/1/17	399, 999, 999, 656	400,000,003,335	100	100	3,108,747,883	3,108,747,883	2,997,744,139
_	Port //16.1.126.101/1/25	399, 999, 999, 949	399, 999, 985, 917	100	100	3,074,887,819	3,074,887,819	2, 958, 318, 805
_	Port //16.1.126.101/1/33	400,000,000,019	400,000,001,254	100	100	3,000,159,959	3,000,159,959	3,081,922,749
_	Port //16.1.126.101/1/41	400,000,000,149	400,000,003,427	100	100	3,108,368,393	3, 108, 368, 393	2,994,222,631
	Port //16.1.126.101/1/49	400,000,000,184	399, 999, 996, 864	100	100	3, 121, 481, 668	3,121,481,668	2,996,091,279
_	Port //16.1.126.101/1/57	400,000,000,427	400,000,003,256	100	100	3,067,494,112	3,067,494,112	2, 950, 584, 354
Ī	Port //16.1.126.102/1/1	399, 999, 999, 757	399, 999, 993, 327	100	100	3,007,689,267	3,007,689,267	3,106,241,873
-	Port //16.1.126.102/1/9	400,000,000,056	399, 999, 994, 691	100	100	3,105,640,246	3,105,640,246	2,996,894,870
	Port //16.1.126.102/1/17	400,000,000,501	399, 999, 999, 588	100	100	3,121,475,510	3, 121, 475, 510	2,806,013,261
>	Port //16.1.126.102/1/25	399, 999, 999, 987	399, 999, 998, 767	100	100	3,092,776,909	3,092,776,909	2, 783, 595, 804
Ė	Port //16.1.126.102/1/33	400,000,000,173	399, 999, 991, 135	100	100	3,000,190,101	3,000,190,101	2,895,706,044
	Port //16.1.126.102/1/41	399, 999, 999, 585	399, 999, 998, 974	100	100	3,084,095,583	3,084,095,583	2,760,054,907
	Port //16.1.126.102/1/49	400,000,000,205	400,000,002,631	100	100	3,084,976,531	3,084,976,531	2,757,326,814
_	Port //16.1.126.102/1/57	399, 999, 999, 893	400,000,005,619	100	100	3,084,290,740	3,084,290,740	2,764,543,253
	Port //16.1.126.103/1/1	400,000,000,117	399, 999, 996, 408	100	100	3,042,208,732	3,042,208,732	2, 938, 119, 485
	Port //16.1.126.103/1/9	400,000,000,480	399, 999, 997, 679	100	100	2,927,475,943	2,927,475,943	2,814,959,818
	Port //16.1.126.103/1/17	399, 999, 999, 912	400,000,003,120	100	100	2,948,370,278	2, 948, 370, 278	2, 843, 592, 582
	Port //16.1.126.103/1/25	399, 999, 999, 624	399, 999, 995, 599	100	100	3,113,971,201	3,113,971,201	2,810,285,157
Т	Port //16.1.126.103/1/33	400,000,000,139	400,000,009,523	100	100	2,973,212,917	2,973,212,917	2,877,026,765
	Port //16.1.126.103/1/41	399, 999, 999, 893	399, 999, 992, 157	100	100	3,084,795,425	3,084,795,425	2,778,191,397
Ī	Port //16.1.126.103/1/49	399, 999, 999, 912	400,000,001,909	100	100	3,091,143,591	3,091,143,591	2,765,518,224
Ī	Port //16.1.126.103/1/57	399, 999, 999, 872	400,000,004,238	100	100	3, 121, 391, 482	3, 121, 391, 482	2,803,447,074
	Port //16.1.126.104/1/1	400,000,000,728	400,000,002,150	100	100	2,964,763,964	2, 964, 763, 964	2,862,374,567
Ī	Port //16.1.126.104/1/9	399, 999, 999, 829	400,000,001,886	100	100	3,101,150,797	3,101,150,797	2,786,777,551
Ī	Port //16.1.126.104/1/17	400,000,000,355	399, 999, 997, 325	100	100	3, 124, 922, 458	3, 124, 922, 458	2,815,350,698
Ī	Port //16.1.126.104/1/25	400,000,000,453	399, 999, 991, 104	100	100	3,098,792,998	3,098,792,998	2,791,574,956
Г	Port //16.1.126.104/1/33	400,000,000,443	399, 999, 993, 130	100	100	2, 936, 513, 093	2, 936, 513, 093	2,834,261,265
Σ						220,827,542,588	220,827,542,588	204,484,620,772
4	1						111	





## 检验结果

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Usage: Bandwidth	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	206533389		
400GE6/0/2	100	207590260		
400GE6/0/3	100	207592512		
400GE6/0/4	100	207538490		
400GE6/0/5	100	207483354		
400GE6/0/6	100	207530448		
400GE6/0/7	100	207513914		
400GE6/0/8	100	207485299		
400GE6/0/9	100	207051116		
400GE6/0/10	100	197867139		
400GE6/0/11	100	197848434		
400GE6/0/12	100	197842805		
400GE6/0/13	100	197832916		
400GE6/0/14	100	198188235		
400GE6/0/15	100	198170956		
400GE6/0/16	100	198170438		
400GE6/0/17	100	198136825		
400GE6/0/18	100	198138852		
400GE6/0/19	100	199230462		
400GE6/0/20	100	199229370		
400GE6/0/21	100	199215777		
400GE6/0/22	100	199290597		
400GE6/0/23	100	198876672		
400GE6/0/24	100	198374239		
400GE6/0/25	100	198329244		
400GE6/0/26	100	198315779		
400GE6/0/27	100	198325416		
400GE6/0/28	100	198193782		
400GE6/0/29	100	198188741		
400GE6/0/30	100	198130349		
400GE6/0/31	100	198125107		
400GE6/0/32	100	198129643		
400GE6/0/33	100	198125485		
400GE6/0/34	100	198514252		
400GE6/0/35	100	198481199		
400GE6/0/36	100	198319299		





## 检验结果

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400GE8/0/1	100	199455836	
400GE8/0/2	100	199450531	
400GE8/0/3	100	199490646	
400GE8/0/4	100	199557032	
400GE8/0/5	100	199576456	
400GE8/0/6	100	199432899	
400GE8/0/7	100	199323779	
400GE8/0/8	100	198487621	
400GE8/0/9	100	198506903	
400GE8/0/10	100	198220947	
400GE8/0/11	100	198255572	
400GE8/0/12	100	198236480	
400GE8/0/13	100	198238415	
400GE8/0/14	100	198290651	
400GE8/0/15	100	198330562	
400GE8/0/16	100	198718337	
400GE8/0/17	100	198616750	
400GE8/0/18	100	198604873	
400GE8/0/19	100	198980452	
400GE8/0/20	100	198980559	
400GE8/0/21	100	198944792	
400GE8/0/22	100	198832175	
400GE8/0/23	100	198807839	
400GE8/0/24	100	198791380	
400GE8/0/25	100	198738768	
400GE8/0/26	100	198720969	
400GE8/0/27	100	198760814	
400GE8/0/28	100	198140809	
400GE8/0/29	100	198200253	
400GE8/0/30	100	198678513	
400GE8/0/31	100	198666090	
400GE8/0/32	100	198267096	
400GE8/0/33	100	198248820	
400GE8/0/34	100	198251074	
400GE8/0/35	100	198244346	
400GE8/0/36	100	198225015	
设备端口出方向流量显示	₹•		
久田川日田/J 内加里亚/J	••		





## 检验结果

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11					
	[H3C]display counter				
	Jsage: Bandwidth uti				
	Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
	400GE6/0/1	100	198892929		
	400GE6/0/2	100	198752047		
	400GE6/0/3	100	198589395		
	400GE6/0/4	100	198612911		
	400GE6/0/5	100	198624132		
	400GE6/0/6	100	198671511		
	400GE6/0/7	100	198670154		
	400GE6/0/8	100	198198712		
	400GE6/0/9	100	198138628		
	400GE6/0/10	100	199289739		
	400GE6/0/11	100	199242139		
	400GE6/0/12	100	199268671		
	400GE6/0/13	100	199311074		
4	400GE6/0/14	100	199261582		
4	400GE6/0/15	100	199172259		
	400GE6/0/16	100	199168212		
4	400GE6/0/17	100	199553950		
4	400GE6/0/18	100	199557473		
	400GE6/0/19	100	200367180		
	400GE6/0/20	100	200381289		
	400GE6/0/21	100	200495538		
	400GE6/0/22	100	200514386		
	400GE6/0/23	100	200516648		
	400GE6/0/24	100	200557282		
	400GE6/0/25	100	200528526		
	400GE6/0/26	100	200517222		
	400GE6/0/27	100	200512559		
	400GE6/0/28	100	199731107		
	400GE6/0/29	100	199251653		
	400GE6/0/30	100	199277622		
	400GE6/0/31	100	199285028		
	400GE6/0/32	100	199279347		
	400GE6/0/32	100	199260996		
	400GE6/0/34	100	199254474		
	400GE6/0/34	100	199254474		
	400GE6/0/35 400GE6/0/36	100			
	1000000/0/30	100	199230802		





## 检验 结果

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400GE8/0/1	100	199806646	
400GE8/0/2	100	199744277	
400GE8/0/3	100	198867911	
400GE8/0/4	100	198823289	
400GE8/0/5	100	198775181	
400GE8/0/6	100	198825142	
400GE8/0/7	100	198961612	
400GE8/0/8	100	198949287	
400GE8/0/9	100	198998998	
400GE8/0/10	100	198104979	
400GE8/0/11	100	198106474	
400GE8/0/12	100	198131484	
400GE8/0/13	100	198169241	
400GE8/0/14	100	198635156	
400GE8/0/15	100	198684220	
400GE8/0/16	100	198708768	
400GE8/0/17	100	198741766	
400GE8/0/18	100	198741311	
400GE8/0/19	100	198034046	
400GE8/0/20	100	198012993	
400GE8/0/21	100	198008822	
400GE8/0/22	100	198435080	
400GE8/0/23	100	198453201	
400GE8/0/24	100	198463269	
400GE8/0/25	100	198493280	
400GE8/0/26	100	198473604	
400GE8/0/27	100	198454442	
400GE8/0/28	100	198661682	
400GE8/0/29	100	198673165	
400GE8/0/30	100	198647228	
400GE8/0/31	100	198650910	
400GE8/0/32	100	198706479	
400GE8/0/33	100	198801518	
400GE8/0/34	100	198803632	 
400GE8/0/35	100	198691746	 
400GE8/0/36	100	198323593	
100020/0/30	100	170020000	





## 检验结果

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F		riggers   Protoc	cois   Undersi	ze/Oversize/Jumbo	PFC Counters User De	efined Advanced
	Port Name	Tx L1 Rate (Percent)	Rx L1 Rate (Percent)	Generator Count (Frames)	Generator Sig Count (Frames)	Rx Sig Count (Fra
F	Port //16.1.126.101/1/1	0	0	9,280,660,319	9,280,660,319	9,280,660,319
F	Port //16.1.126.101/1/9	0	0	9,280,660,319	9,280,660,319	9,280,660,320
F	Port //16.1.126.101/1/17	0	0	9,280,660,319	9,280,660,319	9,280,660,319
F	Port //16.1.126.101/1/25	0	0	9,280,660,319	9,280,660,319	9,280,660,320
F	Port //16.1.126.101/1/33	0	0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.101/1/41	0	0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.101/1/49	0	0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.101/1/57		0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.102/1/1	0	0	9,280,660,319	9,280,660,319	9,280,660,318
	Port //16.1.126.102/1/9	0	0	9,280,660,320	9,280,660,320	9,280,660,319
_	Port //16.1.126.102/1/17		0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.102/1/25		0	9,280,660,320	9,280,660,320	9,280,660,318
	Port //16.1.126.102/1/33		0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.102/1/41		0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.102/1/49		0	9,280,660,318	9,280,660,318	9,280,660,318
			0			
_	Port //16.1.126.102/1/57			9,280,660,319	9,280,660,319	9,280,660,317
_	Port //16.1.126.103/1/1	0	0	9,280,660,319	9,280,660,319	9,280,660,317
_	Port //16.1.126.103/1/9	0	0	9,280,660,320	9,280,660,320	9,280,660,318
	Port //16.1.126.103/1/17		0	9,280,660,319	9,280,660,319	9,280,660,318
_	Port //16.1.126.103/1/25		0	9,280,660,320	9,280,660,320	9,280,660,318
_	Port //16.1.126.103/1/33		0	9,280,660,319	9,280,660,319	9,280,660,317
	Port //16.1.126.103/1/41		0	9,280,660,320	9,280,660,320	9,280,660,318
_	Port //16.1.126.103/1/49		0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.103/1/57	0	0	9,280,660,319	9,280,660,319	9,280,660,318
	Port //16.1.126.104/1/1	0	0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.104/1/9	0	0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.104/1/17	0	0	9,280,660,319	9,280,660,319	9,280,660,318
F	Port //16.1.126.104/1/25	0	0	9,280,660,319	9,280,660,319	9,280,660,319
F	Port //16.1.126.104/1/33	0	0	9, 280, 660, 320	9, 280, 660, 320	9,280,660,319
Σ				668,207,542,938	668,207,542,938	668,207,542,938





## 检验结果

报告编号: B20X20358 共 91 页 第 27 页

#### 3 三层流量测试

测试目的:	验证三层满端口流量不丢包
测试配置及连接	DUT Tester
关系(图示):	
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建三层 fullmesh 流量,流量字节大小为 231、232、256、
	512、1024、1280、1518、9000;
	3、观察流量丢包情况,有预期结果1;
预期结果:	1、所有字节流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立三层Device:





## 检验结果

报告编号: B20X20358 共 91 页 第 28 页

Port Name	Device Name	Tags	Device Count	IPv4 Address	IPv4 Default Gateway	IPv4 Prefi Length
Port //16.1.126.101/1/1	l3-1	Click to a	1	100.101.0.2	100.101.0.1	24
Port //16.1.126.101/1/9	13-2	Click to a	1	100.102.0.2	100.102.0.1	24
Port //16.1.126.101/1/17	13-3	Click to a	1	100.103.0.2	100.103.0.1	24
Port //16.1.126.101/1/25	13-4	Click to a	1	100.104.0.2	100.104.0.1	24
Port //16.1.126.101/1/33	13-5	Click to a	1	100.105.0.2	100.105.0.1	24
Port //16.1.126.101/1/41	13-6	Click to a	1	100.106.0.2	100.106.0.1	24
Port //16.1.126.101/1/49	13-7	Click to a	1	100.107.0.2	100.107.0.1	24
Port //16.1.126.101/1/57	13-8	Click to a	1	100.108.0.2	100.108.0.1	24
Port //16.1.126.102/1/1	13-9	Click to a	1	100.109.0.2	100.109.0.1	24
Port //16.1.126.102/1/9	l3-10	Click to a	1	100.110.0.2	100.110.0.1	24
Port //16.1.126.102/1/17	l3-11	Click to a	1	100.111.0.2	100.111.0.1	24
Port //16.1.126.102/1/25	13-12	Click to a	1	100.112.0.2	100.112.0.1	24
Port //16.1.126.102/1/33	13-13	Click to a	1	100.113.0.2	100.113.0.1	24
Port //16.1.126.102/1/41	13-14	Click to a	1	100.114.0.2	100.114.0.1	24
Port //16.1.126.102/1/49	13-15	Click to a	1	100.115.0.2	100.115.0.1	24
Port //16.1.126.102/1/57	l3-16	Click to a	1	100.116.0.2	100.116.0.1	24
Port //16.1.126.103/1/1	13-17	Click to a	1	100.117.0.2	100.117.0.1	24
Port //16.1.126.103/1/9	l3-18	Click to a	1	100.118.0.2	100.118.0.1	24
Port //16.1.126.103/1/17	l3-19	Click to a	1	100.119.0.2	100.119.0.1	24
Port //16.1.126.103/1/25	13-20	Click to a	1	100.120.0.2	100.120.0.1	24
Port //16.1.126.103/1/33	13-21	Click to a	1	100.121.0.2	100.121.0.1	24
Port //16.1.126.103/1/41	13-22	Click to a	1	100.122.0.2	100.122.0.1	24
Port //16.1.126.103/1/49	13-23	Click to a	1	100.123.0.2	100.123.0.1	24
Port //16.1.126.103/1/57	13-24	Click to a	1	100.124.0.2	100.124.0.1	24
Port //16.1.126.104/1/1	13-25	Click to a	1	100.125.0.2	100.125.0.1	24
Port //16.1.126.104/1/9	13-26	Click to a	1	100.126.0.2	100.126.0.1	24
Port //16.1.126.104/1/17	13-27	Click to a	1	100.127.0.2	100.127.0.1	24
+ III	10.00	-1: 1 ·		****	100 100 0 1	0.4

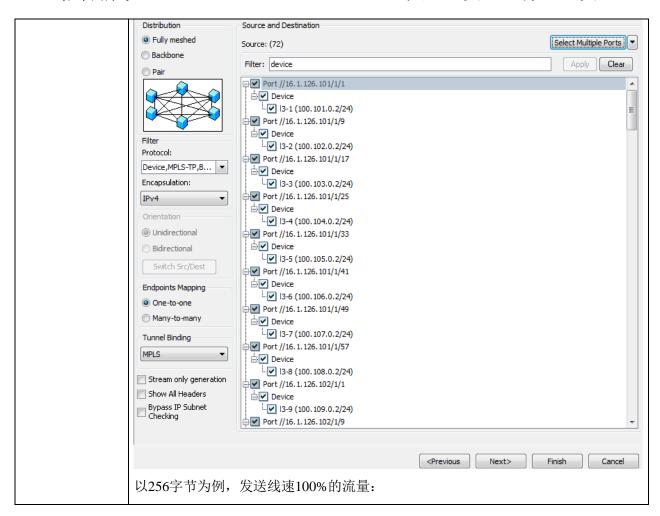




#### 检验结果

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## 检验 结果

Status	Active 🔻	Name	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Lengt Mode
•	<b>V</b>	L3-1	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-2	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-3	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-4	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-5	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-6	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-7	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-8	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-9	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-10	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-11	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-12	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-13	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-14	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-15	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-16	Click to ad	71	100	Percent (%)	256	Fixed
<b>@</b>	<b>V</b>	L3-17	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-18	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-19	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-20	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-21	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-22	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-23	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-24	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-25	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-26	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-27	Click to ad	71	100	Percent (%)	256	Fixed
•	<b>V</b>	L3-28	Click to ad	71	100	Percent (%)	256	Fixed
<b>@</b>	<b>V</b>	L3-29	Click to ad	71	100	Percent (%)	256	Fixed
<b>@</b>	<b>V</b>	L3-30	Click to ad	71	100	Percent (%)	256	Fixed
<u>@</u>	V	L3-31	Click to ad	71	100	Percent (%)	256	Fixed

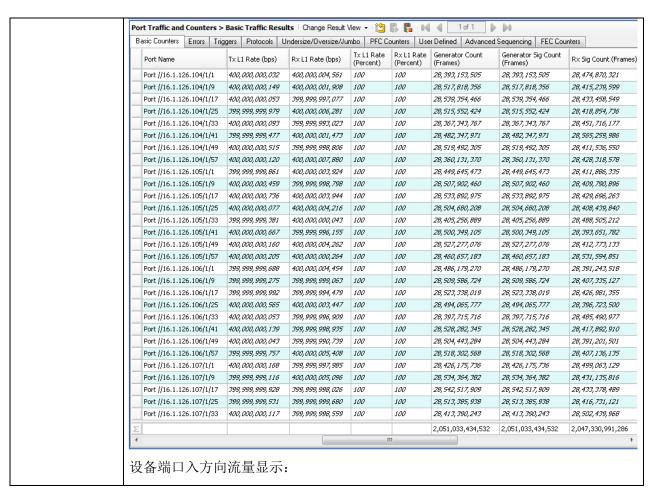
测试仪发送流量:





#### 检验结果

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## 检验结果

报告编号: B20X20358 共 91 页 第 32 页

Usage: Bandwidth	utilization in			
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps
400GE6/0/1	100	181832976		
400GE6/0/2	100	181872402		
400GE6/0/3	100	181873093		
400GE6/0/4	100	181811623		
400GE6/0/5	100	181726300		
400GE6/0/6	100	181397511		
400GE6/0/7	100	181151500		
400GE6/0/8	100	181144095		
400GE6/0/9	100	181140382		
400GE6/0/10	100	180529546		
400GE6/0/11	100	180578474		
400GE6/0/12	100	180607856		
400GE6/0/13	100	180652235		
400GE6/0/14	100	180658788		
400GE6/0/15	100	180692731		
400GE6/0/16	100	180684982		
400GE6/0/17	100	180689895		
400GE6/0/18	100	180649493		
400GE6/0/19	100	181527292		
400GE6/0/20	100	181508792		
400GE6/0/21	100	181454566		
400GE6/0/22	100	181441416		
400GE6/0/23	100	181405828		
400GE6/0/24	100	181367206		
400GE6/0/25	100	181364600		
400GE6/0/26	100	181376918		
400GE6/0/27	100	181376110		
400GE6/0/28	100	181974614		
400GE6/0/29	100	181940836		
400GE6/0/30	100	181943216		
400GE6/0/31	100	181942202		
400GE6/0/32	100	181984149		
400GE6/0/33	100	181976099		
400GE6/0/34	100	181977448		
400GE6/0/35	100	181975894		
400GE6/0/36	100	181946686		





## 检验结果

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100 100 100 100 100 100 100 100 100	181563371 181564277 181558438 181522579 181557245 181514652 181372758 181749838 181785396	    	   
100 100 100 100 100 100 100	181558438 181522579 181557245 181514652 181372758 181749838 181785396		
100 100 100 100 100 100	181522579 181557245 181514652 181372758 181749838 181785396		
100 100 100 100 100	181557245 181514652 181372758 181749838 181785396		
100 100 100 100 100	181514652 181372758 181749838 181785396		
100 100 100 100	181372758 181749838 181785396		
100 100 100	181749838 181785396		
100 100	181785396		
100			
100	180555335		
100	180461988		
100	180487033		
100	180538103		
100	180520854		
100	180535158		
100	180534676		
100	180539032		
100	180523821		
100	182758066		
100	182747634		
100	182739857		
100	182727816		
100	182723611		
100	182760654		
100	182754063		
100	182568674		
100	182248409		
100	183110790		
100	183103885		
100	183101865		
100	183101986		
100	182691807		
100	182686124		
100	182684163		
100	182685837		
100	182741500		
	100 100 100 100 100 100 100 100 100 100	100 180520854 100 180535158 100 180534676 100 180539032 100 180523821 100 182758066 100 182747634 100 182739857 100 182727816 100 182727816 100 182723611 100 182760654 100 182754063 100 182568674 100 18248409 100 183110790 100 183110790 100 183101865 100 183101986 100 182684163 100 182684163 100 182685837 100 182685837 100 182741500	100       180520854          100       180535158          100       180534676          100       180539032          100       180523821          100       182758066          100       182747634          100       182739857          100       182727816          100       182723611          100       182754063          100       182568674          100       182548409          100       18310790          100       18310865          100       183101865          100       183101986          100       182684163          100       182684163          100       182685837          100       182741500





# 检验结果

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Usage: Bandwidth	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	181061380		
400GE6/0/2	100	181050549		
400GE6/0/3	100	181085192		
400GE6/0/4	100	181085544		
400GE6/0/5	100	181085617		
400GE6/0/6	100	181045046		
400GE6/0/7	100	181043448		
400GE6/0/8	100	181004458		
400GE6/0/9	100	181002735		
400GE6/0/10	100	183606996		
400GE6/0/11	100	183616873		
400GE6/0/12	100	183631583		
400GE6/0/13	100	183633968		
400GE6/0/14	100	183633347		
400GE6/0/15	100	183690975		
400GE6/0/16	100	183645588		
400GE6/0/17	100	183722804		
400GE6/0/18	100	183689921		
400GE6/0/19	100	180672735		
400GE6/0/20	100	180672423		
400GE6/0/21	100	180667179		
400GE6/0/22	100	180662472		
400GE6/0/23	100	180644529		
400GE6/0/24	100	180652694		
400GE6/0/25	100	180653859		
400GE6/0/26	100	180690127		
400GE6/0/27	100	180694564		
400GE6/0/28	100	180934223		
400GE6/0/29	100	180942288		
400GE6/0/30	100	180939710		
400GE6/0/31	100	180941166		
400GE6/0/32	100	180951166		
400GE6/0/33	100	180918167		
400GE6/0/34	100	180914328		
400GE6/0/35	100	180913973		
400GE6/0/36	100	180948530		





# 检验结果

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400GE8/0/1	100	181891354	
400GE8/0/2	100	181843364	
400GE8/0/3	100	181839785	
400GE8/0/4	100	181801693	
400GE8/0/5	100	181841381	
400GE8/0/6	100	181844740	
400GE8/0/7	100	181843426	
400GE8/0/8	100	181839569	
400GE8/0/9	100	181838440	
400GE8/0/10	100	182754668	
400GE8/0/11	100	182758246	
400GE8/0/12	100	182469403	
400GE8/0/13	100	182485472	
400GE8/0/14	100	182445736	
400GE8/0/15	100	182327761	
400GE8/0/16	100	182300578	
400GE8/0/17	100	182298520	
400GE8/0/18	100	182301306	
400GE8/0/19	100	183364268	
400GE8/0/20	100	183364043	
400GE8/0/21	100	183366179	
400GE8/0/22	100	183368164	
400GE8/0/23	100	183370392	
400GE8/0/24	100	183222160	
400GE8/0/25	100	182945524	
400GE8/0/26	100	182657031	
400GE8/0/27	100	182350669	
400GE8/0/28	100	181022963	
400GE8/0/29	100	180973575	
400GE8/0/30	100	180966699	
400GE8/0/31	100	180962280	
400GE8/0/32	100	180925250	
400GE8/0/33	100	180938178	
400GE8/0/34	100	180938129	
400GE8/0/35	100	180984755	
400GE8/0/36	100	180982623	

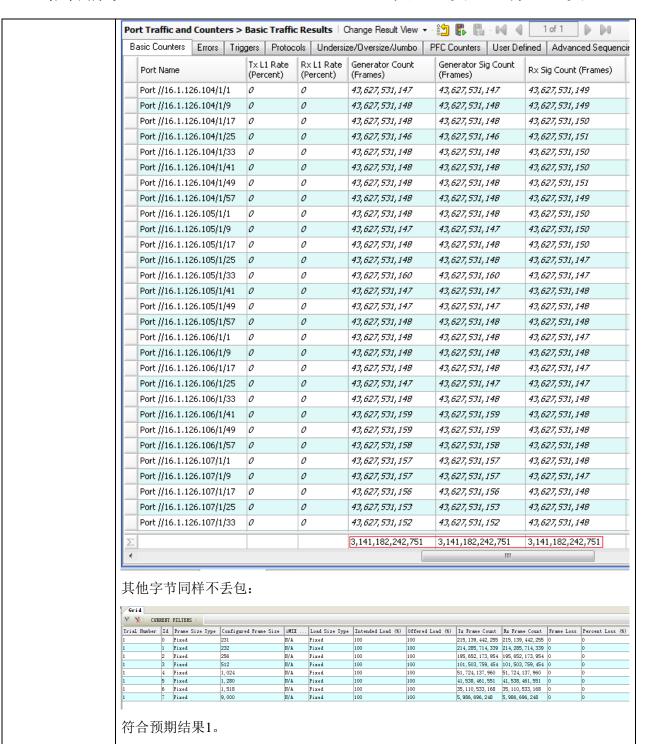




### 检验结果

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# 检验 结果

报告编号: B20X20358 共 91 页 第 37 页

### 4 满规格 IPv4 路由流量测试

测试目的:	验证满规格 IPv4 路由流量不丢包
测试配置及连接	DUT Tester
关系(图示):	····
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建三层 fullmesh 流量,测试仪往设备发路由,路由数量为设备宣称规格,流量打向路由;
	3、观察流量丢包情况,有预期结果 1;
预期结果:	1、流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立三层Device:





# 检验结果

报告编号: B20X20358

共 91 页 第 38 页

Port N	ame		Device Name	Tags	Device Count	IPv4 Address	IPv4 Default Gateway	IPv4 Prefi Length
Poi	t //16.1.126.101/1/1		v4_bpg-1	Click to a	1	100.101.0.2	100.101.0.1	24
Poi	t //16.1.126.101/1/9		v4_bpg-2	Click to a	1	100.102.0.2	100.102.0.1	24
Poi	t //16.1.126.101/1/1	.7	v4_bpg-3	Click to a	1	100.103.0.2	100.103.0.1	24
Poi	t //16.1.126.101/1/2	5	v4_bpg-4	Click to a	1	100.104.0.2	100.104.0.1	24
Poi	t //16.1.126.101/1/3	3	v4_bpg-5	Click to a	1	100.105.0.2	100.105.0.1	24
Poi	t //16.1.126.101/1/4	1	v4_bpg-6	Click to a	1	100.106.0.2	100.106.0.1	24
Poi	t //16.1.126.101/1/4	9	v4_bpg-7	Click to a	1	100.107.0.2	100.107.0.1	24
Poi	t //16.1.126.101/1/5	7	v4_bpg-8	Click to a	1	100.108.0.2	100.108.0.1	24
Poi	t //16.1.126.102/1/1	.	v4_bpg-9	Click to a	1	100.109.0.2	100.109.0.1	24
Poi	t //16.1.126.102/1/9		v4_bpg-10	Click to a	1	100.110.0.2	100.110.0.1	24
Poi	t //16.1.126.102/1/1	7	v4_bpg-11	Click to a	1	100.111.0.2	100.111.0.1	24
Poi	t //16.1.126.102/1/2	5	v4_bpg-12	Click to a	1	100.112.0.2	100.112.0.1	24
Poi	t //16.1.126.102/1/3	3	v4_bpg-13	Click to a	1	100.113.0.2	100.113.0.1	24
Poi	t //16.1.126.102/1/4	1	v4_bpg-14	Click to a	1	100.114.0.2	100.114.0.1	24
Poi	t //16.1.126.102/1/4	9	v4_bpg-15	Click to a	1	100.115.0.2	100.115.0.1	24
Poi	t //16.1.126.102/1/5	7	v4_bpg-16	Click to a	1	100.116.0.2	100.116.0.1	24
Poi	t //16.1.126.103/1/1		v4_bpg-17	Click to a	1	100.117.0.2	100.117.0.1	24
Po	t //16.1.126.103/1/9		v4_bpg-18	Click to a	1	100.118.0.2	100.118.0.1	24
Poi	t //16.1.126.103/1/1	7	v4_bpg-19	Click to a	1	100.119.0.2	100.119.0.1	24
Poi	t //16.1.126.103/1/2	5	v4_bpg-20	Click to a	1	100.120.0.2	100.120.0.1	24
Poi	t //16.1.126.103/1/3	3	v4_bpg-21	Click to a	1	100.121.0.2	100.121.0.1	24
Poi	t //16.1.126.103/1/4	1	v4_bpg-22	Click to a	1	100.122.0.2	100.122.0.1	24
Po	t //16.1.126.103/1/4	9	v4_bpg-23	Click to a	1	100.123.0.2	100.123.0.1	24
Poi	t //16.1.126.103/1/5	7	v4_bpg-24	Click to a	1	100.124.0.2	100.124.0.1	24
Poi	t//16.1.126.110/1/1		v4_bpg-25	Click to a	1	100.125.0.2	100.125.0.1	24
Po	t //16.1.126.110/1/9		v4_bpg-26	Click to a	1	100.126.0.2	100.126.0.1	24
Po	t //16.1.126.110/1/1	.7	v4_bpg-27	Click to a	1	100.127.0.2	100.127.0.1	24
4		-	4.1 00	atr Li		********	100 100 0 1	124





# 检验结果

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Port Name	Device Name	Tags	Device Count	Active	Router State	V4 Router State	V6 Router State	AS Number	DUT A Numbe
Port //16.1.126.101/1/1	v4_bpg-1	Click to a	1	V	Established	Established	Not Started	101	100
Port //16.1.126.101/1/9	v4_bpg-2	Click to a	1	<b>V</b>	Established	Established	Not Started	102	100
Port //16.1.126.101/1/17	v4_bpg-3	Click to a	1	<b>V</b>	Established	Established	Not Started	103	100
Port //16.1.126.101/1/25	v4_bpg-4	Click to a	1	<b>V</b>	Established	Established	Not Started	104	100
Port //16.1.126.101/1/33	v4_bpg-5	Click to a	1	<b>V</b>	Established	Established	Not Started	105	100
Port //16.1.126.101/1/41	v4_bpg-6	Click to a	1	<b>V</b>	Established	Established	Not Started	106	100
Port //16.1.126.101/1/49	v4_bpg-7	Click to a	1	<b>V</b>	Established	Established	Not Started	107	100
Port //16.1.126.101/1/57	v4_bpg-8	Click to a	1	<b>V</b>	Established	Established	Not Started	108	100
Port //16.1.126.102/1/1	v4_bpg-9	Click to a	1	<b>V</b>	Established	Established	Not Started	109	100
Port //16.1.126.102/1/9	v4_bpg-10	Click to a	1	<b>V</b>	Established	Established	Not Started	110	100
Port //16.1.126.102/1/17	v4_bpg-11	Click to a	1	<b>V</b>	Established	Established	Not Started	111	100
Port //16.1.126.102/1/25	v4_bpg-12	Click to a	1	<b>V</b>	Established	Established	Not Started	112	100
Port //16.1.126.102/1/33	v4_bpg-13	Click to a	1	<b>V</b>	Established	Established	Not Started	113	100
Port //16.1.126.102/1/41	v4_bpg-14	Click to a	1	<b>V</b>	Established	Established	Not Started	114	100
Port //16.1.126.102/1/49	v4_bpg-15	Click to a	1	<b>V</b>	Established	Established	Not Started	115	100
Port //16.1.126.102/1/57	v4_bpg-16	Click to a	1	V	Established	Established	Not Started	116	100
Port //16.1.126.103/1/1	v4_bpg-17	Click to a	1	<b>V</b>	Established	Established	Not Started	117	100
Port //16.1.126.103/1/9	v4_bpg-18	Click to a	1	V	Established	Established	Not Started	118	100
Port //16.1.126.103/1/17	v4_bpg-19	Click to a	1	V	Established	Established	Not Started	119	100
Port //16.1.126.103/1/25	v4_bpg-20	Click to a	1	V	Established	Established	Not Started	120	100
Port //16.1.126.103/1/33	v4_bpg-21	Click to a	1	V	Established	Established	Not Started	121	100
Port //16.1.126.103/1/41	v4_bpg-22	Click to a	1	V	Established	Established	Not Started	122	100
Port //16.1.126.103/1/49	v4_bpg-23	Click to a	1	<b>V</b>	Established	Established	Not Started	123	100
Port //16.1.126.103/1/57	v4_bpg-24	Click to a	1	<b>V</b>	Established	Established	Not Started	124	100
Port //16.1.126.110/1/1	v4_bpg-25	Click to a	1	<b>V</b>	Established	Established	Not Started	125	100
Port //16.1.126.110/1/9	v4_bpg-26	Click to a	1	<b>V</b>	Established	Established	Not Started	126	100

#### 并发布1300K路由:

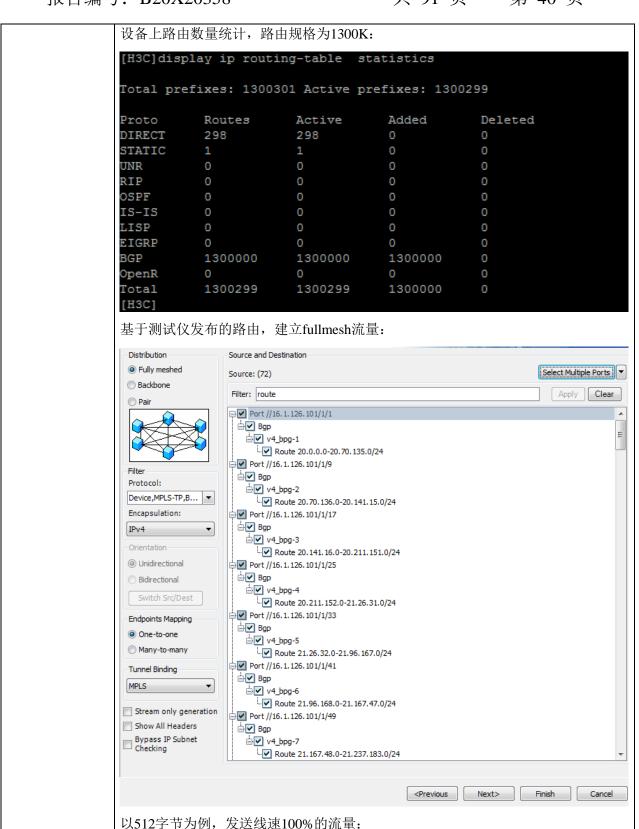
	ect Routers 🔻 👍 Add 💢	<u> </u>	Pv6 VPLS						IPv4 F
	74 Routes   IPV6 Routes	1			T-Constraint	C-MCAST IPv4 C	C-MCAST IPv6	Imported Routes	IPV4 I
	Port Name	Device Name	Device Count	Route Block Name	Active	Route Count	Start Netwo	rk End Netwo	ork
	Port //16.1.126.101/1/1	v4_bpg-1		BgpIpv4Route	. 🗸	18056	20.0.0.0	20.70.135.	
	Port //16.1.126.101/1/9	v4_bpg-2	1	BgpIpv4Route		18056	20.70.136.0	20.141.15.	0
	Port //16.1.126.101/1/17	v4_bpg-3	1	BgpIpv4Route	<b>▽</b>	18056	20.141.16.0	20.211.15	1.0
	Port //16.1.126.101/1/25	v4_bpg-4	1	BgpIpv4Route	<b>V</b>	18056	20.211.152.0	21.26.31.0	1
	Port //16.1.126.101/1/33	v4_bpg-5	1	BgpIpv4Route	<b>▽</b>	18056	21.26.32.0	21.96.167.	0
	Port //16.1.126.101/1/41	v4_bpg-6	1	BgpIpv4Route		18056	21.96.168.0	21.167.47.	0
	Port //16.1.126.101/1/49	v4_bpg-7	1	BgpIpv4Route		18056	21.167.48.0	21.237.183	3.0
	Port //16.1.126.101/1/57	v4_bpg-8	1	BgpIpv4Route		18056	21.237.184.0	22.52.63.0	1
	Port //16.1.126.102/1/1	v4_bpg-9	1	BgpIpv4Route		18056	22.52.64.0	22.122.19	9.0
	Port //16.1.126.102/1/9	v4_bpg-10	1	BgpIpv4Route		18056	22.122.200.0	22.193.79.	0
	Port //16.1.126.102/1/17	v4_bpg-11	1	BgpIpv4Route	<b>V</b>	18056	22.193.80.0	23.7.215.0	1
	Port //16.1.126.102/1/25	v4_bpg-12	1	BgpIpv4Route	<b>▽</b>	18056	23.7.216.0	23.78.95.0	,
	Port //16.1.126.102/1/33	v4_bpg-13	1	BgpIpv4Route	<b>V</b>	18056	23.78.96.0	23.148.23	1.0
	Port //16.1.126.102/1/41	v4_bpg-14	1	BgpIpv4Route		18056	23.148.232.0	23.219.11	1.0
	Port //16.1.126.102/1/49	v4_bpg-15	1	BgpIpv4Route		18056	23.219.112.0	24.33.247.	0
	Port //16.1.126.102/1/57	v4_bpg-16	1	BgpIpv4Route		18056	24.33.248.0	24.104.12	7.0
	Port //16.1.126.103/1/1	v4_bpg-17	1	BgpIpv4Route		18056	24.104.128.0	24.175.7.0	1
	Port //16.1.126.103/1/9	v4_bpg-18	1	BgpIpv4Route	<b>V</b>	18056	24.175.8.0	24.245.14	3.0
Ī	Port //16.1.126.103/1/17	v4 bpq-19	1	BqpIpv4Route		18056	24.245.144.0	25.60.23.0	,
						1300000 IPv4 Route	es .		





### 检验结果

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# 检验结果

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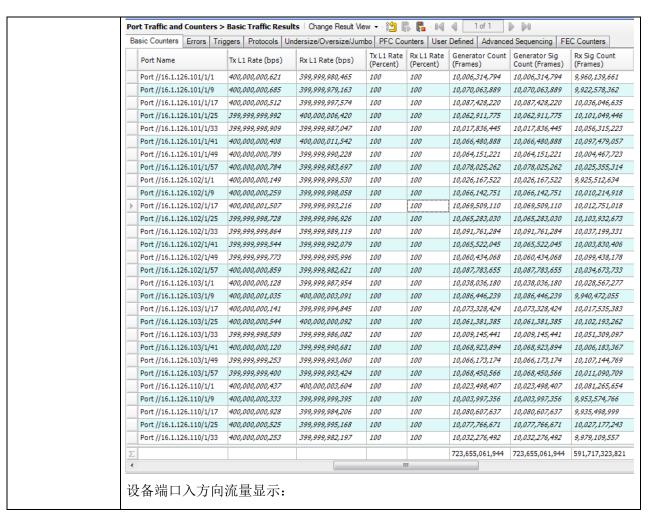
	Status	Active	Name	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Leng Mode
	۵,	V	V4_BGP-1	Click to ad	71	100	Percent (%)	512	Fixed
	<b>@</b>	V	V4_BGP-2	Click to ad	71	100	Percent (%)	512	Fixed
	<b>e</b> s	V	V4_BGP-3	Click to ad	71	100	Percent (%)	512	Fixed
	۵,	V	V4_BGP-4	Click to ad	71	100	Percent (%)	512	Fixed
	<b>@</b>	V	V4_BGP-5	Click to ad	71	100	Percent (%)	512	Fixed
F	۵,	V	V4_BGP-6	Click to ad	71	100	Percent (%)	512	Fixed
	<b>@</b>	V	V4_BGP-7	Click to ad	71	100	Percent (%)	512	Fixed
	<b>e</b> s	V	V4_BGP-8	Click to ad	71	100	Percent (%)	512	Fixed
	۵,	V	V4_BGP-9	Click to ad	71	100	Percent (%)	512	Fixed
	<b>@</b>	V	V4_BGP-10	Click to ad	71	100	Percent (%)	512	Fixed
	•	V	V4_BGP-11	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-12	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-13	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-14	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-15	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-16	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-17	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-18	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-19	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-20	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-21	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-22	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-23	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-24	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-25	Click to ad	71	100	Percent (%)	512	Fixed
	•	V	V4_BGP-26	Click to ad	71	100	Percent (%)	512	Fixed
	۵,	<b>V</b>	V4_BGP-27	Click to ad	71	100	Percent (%)	512	Fixed
	•	V	V4_BGP-28	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-29	Click to ad	71	100	Percent (%)	512	Fixed
	•	<b>V</b>	V4_BGP-30	Click to ad	71	100	Percent (%)	512	Fixed
	•	V	V4_BGP-31	Click to ad	71	100	Percent (%)	512	Fixed
4									





## 检验结果

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# 检验结果

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Usage: Bandwidth				
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	94018430		
400GE6/0/2	100	94014134		
400GE6/0/3	100	93985782		
400GE6/0/4	100	93970929		
400GE6/0/5	100	93969024		
400GE6/0/6	100	93932716		
400GE6/0/7	100	93949068		
400GE6/0/8	100	93950286		
400GE6/0/9	100	93955398		
400GE6/0/10	100	93988528		
400GE6/0/11	100	93988666		
400GE6/0/12	100	93983858		
400GE6/0/13	100	93975483		
400GE6/0/14	100	93975135		
400GE6/0/15	100	93981235		
400GE6/0/16	100	93983061		
400GE6/0/17	100	93983240		
400GE6/0/18	100	93985799		
400GE6/0/19	100	94389473		
400GE6/0/20	100	94390271		
400GE6/0/21	100	94384995		
400GE6/0/22	100	94329893		
400GE6/0/23	100	94275100		
400GE6/0/24	100	94235398		
400GE6/0/25	100	94216655		
400GE6/0/26	100	94182305		
400GE6/0/27	100	94156825		
400GE6/0/28	100	94131109		
400GE6/0/29	100	93940334		
400GE6/0/30	100	93957778		
400GE6/0/31	100	93958620		
400GE6/0/32	100	93962107		
400GE6/0/33	100	93962094		
400GE6/0/34	100	93962425		
400GE6/0/35	100	93963086		
400GE6/0/36	100	93962818		





# 检验结果

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400GE8/0/1 400GE8/0/2	100	93612707	
	100	93611760	
400GE8/0/3	100	93610880	
400GE8/0/4	100	93620034	
400GE8/0/5	100	93618843	
400GE8/0/6	100	93636960	
400GE8/0/7	100	93636598	
400GE8/0/8	100	93654615	
400GE8/0/9	100	93654681	
400GE8/0/10	100	94028762	
400GE8/0/11	100	94029322	
400GE8/0/12	100	94004156	
400GE8/0/13	100	94000882	
400GE8/0/14	100	94000537	
400GE8/0/15	100	94028645	
400GE8/0/16	100	94199733	
400GE8/0/17	100	94188119	
400GE8/0/18	100	94187880	
400GE8/0/19	100	94241969	
400GE8/0/20	100	94258640	
400GE8/0/21	100	94258174	
400GE8/0/22	100	94257492	
400GE8/0/23	100	94259285	
400GE8/0/24	100	94047390	
400GE8/0/25	100	94048627	
400GE8/0/26	100	94058078	
400GE8/0/27	100	94079163	
400GE8/0/28	100	94128530	
400GE8/0/29	100	94124925	
400GE8/0/30	100	94125916	
400GE8/0/31	100	94108326	
400GE8/0/32	100	94102946	
400GE8/0/33	100	94103395	
400GE8/0/34	100	94111650	
400GE8/0/35	100	94113067	
400GE8/0/36	100	94113825	
设备端口出方向流量	量显示:		
◇ H - M → H // 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1	/J · •		





# 检验结果

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[H3C]display cou Usage: Bandwidth				
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	94266475		
400GE6/0/2	100	94238828		
400GE6/0/3	100	94258092		
400GE6/0/4	100	94282963		
400GE6/0/5	100	94286549		
400GE6/0/6	100	94289053		
400GE6/0/7	100	94271465		
400GE6/0/8	100	94272679		
400GE6/0/9	100	94269451		
400GE6/0/10	100	93946232		
400GE6/0/11	100	93947730		
400GE6/0/12	100	93948838		
400GE6/0/13	100	93949309		
400GE6/0/14	100	93949938		
400GE6/0/15	100	93949900		
400GE6/0/16	100	93943196		
400GE6/0/17	100	93936145		
400GE6/0/18	100	93992492		
400GE6/0/19	100	94273279		
400GE6/0/20	100	94283952		
400GE6/0/21	100	94269937		
400GE6/0/22	100	94270034		
400GE6/0/23	100	94272263		
400GE6/0/24	100	94076428		
400GE6/0/25	100	94075948		
400GE6/0/26	100	94028981		
400GE6/0/27	100	94027761		
400GE6/0/28	100	93832063		
400GE6/0/29	100	93857960		
400GE6/0/30	100	93846238		
400GE6/0/31	100	93848714		
400GE6/0/32	100	93852982		
400GE6/0/33	100	93855712		
400GE6/0/34	100	93855294		
400GE6/0/35	100	93851833		
400GE6/0/36	100	93877499		





# 检验结果

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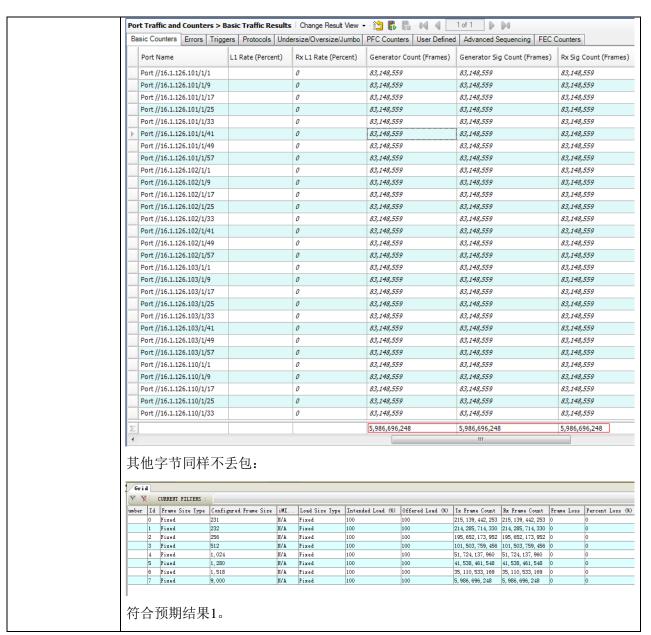
400GE8/0/1	100	93609507		
400GE8/0/2	100	93581135		
400GE8/0/3	100	93577486		
400GE8/0/4	100	93570487		
400GE8/0/5	100	93571091		
400GE8/0/6	100	93567785		
400GE8/0/7	100	93566521		
400GE8/0/8	100	93556333		
400GE8/0/9	100	93639926		
400GE8/0/10	100	94249295		
400GE8/0/11	100	94256826		
400GE8/0/12	100	94237121		
400GE8/0/13	100	94243739		
400GE8/0/14	100	94241659		
400GE8/0/15	100	94438826		
400GE8/0/16	100	94463368		
400GE8/0/17	100	94481473		
400GE8/0/18	100	94477005		
400GE8/0/19	100	93894628		
400GE8/0/20	100	93908985		
400GE8/0/21	100	93913239		
400GE8/0/22	100	93912292		
400GE8/0/23	100	93911486		
400GE8/0/24	100	93912122		
400GE8/0/25	100	93911200		
400GE8/0/26	100	93911856		
400GE8/0/27	100	93738764		
400GE8/0/28	100	93842120		
400GE8/0/29	100	93852639		
400GE8/0/30	100	93857344		
400GE8/0/31	100	93859376		
400GE8/0/32	100	93876202		
400GE8/0/33	100	93892026		
400GE8/0/34	100	93887878		
400GE8/0/35	100	93888850		
400GE8/0/36	100	93876513		
停流后观察测试仪,	显示收发总	计数相同,不丢包:	<b>:</b>	





### 检验结果

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## 检验结果

报告编号: B20X20358 共 91 页 第 48 页

## 5 IPv6 流量测试

测试目的:	验证 IPv6 满端口流量不丢包
测试配置及连接 关系(图示):	DUT Tester
八水 (日本) .	······
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建三层 IPv6 fullmesh 流量,流量字节大小为 231、232、256、512、1024、1280、1518、9000;
	3、观察流量丢包情况,有预期结果1;
预期结果:	1、所有字节流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立三层IPv6 Device:





# 检验结果

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E	Emulated Device Interface	6rd/6to4	DS-Lite	BFD	BGF			
	Port Name		Device Name	Tags		Device Count	IPv6 Address	IPv6 Default Gateway
	Port //16.1.126.101/	1/1	ipv6-1	Click to	a	1	2001:101::2	2001:101::1
Π	Port //16.1.126.101/	1/9	ipv6-2	Click to	a	1	2001:102::2	2001:102::1
	Port //16.1.126.101/	1/17	ipv6-3	Click to	a	1	2001:103::2	2001:103::1
	Port //16.1.126.101/	1/25	ipv6-4	Click to	a	1	2001:104::2	2001:104::1
	Port //16.1.126.101/	1/33	ipv6-5	Click to	a	1	2001:105::2	2001:105::1
	Port //16.1.126.101/	1/41	ipv6-6	Click to	a	1	2001:106::2	2001:106::1
	Port //16.1.126.101/	1/49	ipv6-7	Click to	a	1	2001:107::2	2001:107::1
	Port //16.1.126.101/	1/57	ipv6-8	Click to	a	1	2001:108::2	2001:108::1
	Port //16.1.126.102/	1/1	ipv6-9	Click to	a	1	2001:109::2	2001:109::1
	Port //16.1.126.102/	1/9	ipv6-10	Click to	a	1	2001:10a::2	2001:10a::1
Ī	Port //16.1.126.102/	1/17	ipv6-11	Click to	a	1	2001:10b::2	2001:10b::1
	Port //16.1.126.102/	1/25	ipv6-12	Click to	a	1	2001:10c::2	2001:10c::1
	Port //16.1.126.102/	1/33	ipv6-13	Click to	a	1	2001:10d::2	2001:10d::1
	Port //16.1.126.102/	1/41	ipv6-14	Click to	a	1	2001:10e::2	2001:10e::1
	Port //16.1.126.102/	1/49	ipv6-15	Click to	a	1	2001:10f::2	2001:10f::1
	Port //16.1.126.102/	1/57	ipv6-16	Click to	a	1	2001:110::2	2001:110::1
	Port //16.1.126.103/	1/1	ipv6-17	Click to	a	1	2001:111::2	2001:111::1
	Port //16.1.126.103/	1/9	ipv6-18	Click to	a	1	2001:112::2	2001:112::1
	Port //16.1.126.103/	1/17	ipv6-19	Click to	a	1	2001:113::2	2001:113::1
	Port //16.1.126.103/	1/25	ipv6-20	Click to	a	1	2001:114::2	2001:114::1
	Port //16.1.126.103/	1/33	ipv6-21	Click to	a	1	2001:115::2	2001:115::1
	Port //16.1.126.103/	1/41	ipv6-22	Click to	a	1	2001:116::2	2001:116::1
	Port //16.1.126.103/	1/49	ipv6-23	Click to	a	1	2001:117::2	2001:117::1
	Port //16.1.126.103/	1/57	ipv6-24	Click to	a	1	2001:118::2	2001:118::1
	Port //16.1.126.104/	1/1	ipv6-25	Click to	a	1	2001:119::2	2001:119::1
	Port //16.1.126.104/	1/9	ipv6-26	Click to	a	1	2001:11a::2	2001:11a::1
	Port //16.1.126.104/	1/17	ipv6-27	Click to	a	1	2001:11b::2	2001:11b::1
4	D 1//45 4 405 404/	loc.		alt I i			2004 44 2	2001 11

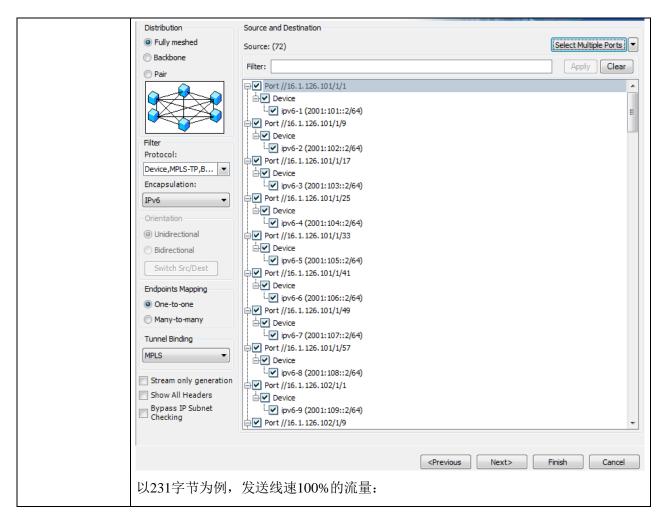




## 检验结果

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# 检验结果

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Status	Active	Name 🔺	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Le Mode
<u>@</u>	V	IPV6-1	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-2	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-3	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-4	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-5	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-6	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-7	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-8	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-9	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-10	Click to ad	71	100	Percent (%)	231	Fixed
<b>(4)</b>	<b>V</b>	IPV6-11	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-12	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-13	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-14	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-15	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-16	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-17	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-18	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-19	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-20	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-21	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-22	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-23	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-24	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-25	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-26	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-27	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-28	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-29	Click to ad	71	100	Percent (%)	231	Fixed
•	<b>V</b>	IPV6-30	Click to ad	71	100	Percent (%)	231	Fixed
<b>@</b>	<b>V</b>	IPV6-31	Click to ad	71	100	Percent (%)	231	Fixed
	-							

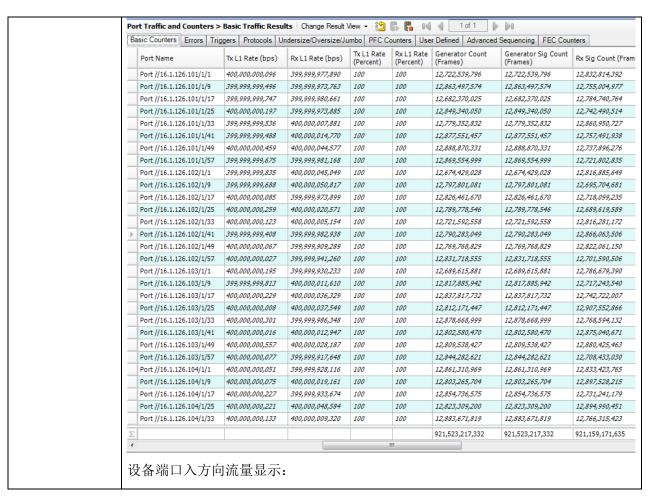
测试仪发送流量:





### 检验结果

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# 检验结果

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	inters rate inbou			
	utilization in			
Interface	Usage (%)	122	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	199726299		
400GE6/0/2	100	199724540		
400GE6/0/3	100	199868142		
400GE6/0/4	100	199936350		
400GE6/0/5	100	199846934		
400GE6/0/6	100	199779940		
400GE6/0/7	100	199749919		
400GE6/0/8	100	199756577		
400GE6/0/9	100	199701601		
400GE6/0/10	100	199409965		
400GE6/0/11	100	199394710		
400GE6/0/12	100	199388233		
400GE6/0/13	100	199354223		
400GE6/0/14	100	199360352		
400GE6/0/15	100	199355249		
400GE6/0/16	100	199393940		
400GE6/0/17	100	199322932		
400GE6/0/18	100	198992734		
400GE6/0/19	100	200233109		
400GE6/0/20	100	200195126		
400GE6/0/21	100	200303714		
400GE6/0/22	100	200300661		
400GE6/0/23	100	200331072		
400GE6/0/24	100	200334902		
400GE6/0/25	100	200309375		
400GE6/0/26	100	200388090		
400GE6/0/27	100	200459521		
400GE6/0/28	100	199044114		
400GE6/0/29	100	199041039		
400GE6/0/29	100	199039861		
400GE6/0/30	100	199042341		
400GE6/0/31	100	199079963		
400GE6/0/32	100	1990/9963		
400GE6/0/33 400GE6/0/34				
	100	199018381		
400GE6/0/35	100	199070107		
400GE6/0/36	100	198998339		





# 检验结果

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400GE8/0/1	100	200813679	 
400GE8/0/2	100	200336602	
400GE8/0/3	100	200345126	
400GE8/0/4	100	200349456	
400GE8/0/5	100	200310968	
400GE8/0/6	100	200321197	
400GE8/0/7	100	200364306	
400GE8/0/8	100	200329438	
400GE8/0/9	100	200332950	
400GE8/0/10	100	199581339	
400GE8/0/11	100	199610817	
400GE8/0/12	100	199544579	
400GE8/0/13	100	199421826	
400GE8/0/14	100	199410606	
400GE8/0/15	100	199427593	
400GE8/0/16	100	199436756	
400GE8/0/17	100	199435435	
400GE8/0/18	100	199434787	
400GE8/0/19	100	207243819	
400GE8/0/20	100	207198884	
400GE8/0/21	100	207149088	
400GE8/0/22	100	207108223	
400GE8/0/23	100	207027558	
400GE8/0/24	100	206992217	
400GE8/0/25	100	206969853	
400GE8/0/26	100	206913069	
400GE8/0/27	100	206907195	
400GE8/0/28	100	206920094	
400GE8/0/29	100	206931429	
400GE8/0/30	100	206917542	
400GE8/0/31	100	206876196	
400GE8/0/32	100	206841928	
400GE8/0/33	100	206832153	
400GE8/0/34	100	206833063	
400GE8/0/35	100	206395721	
400GE8/0/36	100	206376298	
	量显示 <b>:</b>		
设备端口出方向流 	重显不:		





# 检验结果

报告编号: B20X20358 共 91 页 第 55 页

Usage: Bandwidth	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps
400GE6/0/1	100	198574175		
400GE6/0/2	100	198567247		
400GE6/0/3	100	198831106		
400GE6/0/4	100	198832967		
400GE6/0/5	100	198882158		
400GE6/0/6	100	198894217		
400GE6/0/7	100	198854655		
400GE6/0/8	100	198761319		
400GE6/0/9	100	198706439		
400GE6/0/10	100	200619648		
400GE6/0/11	100	200669032		
400GE6/0/12	100	200760221		
400GE6/0/13	100	200758095		
400GE6/0/14	100	200857766		
400GE6/0/15	100	200862090		
400GE6/0/16	100	200796448		
400GE6/0/17	100	200727727		
400GE6/0/18	100	200376277		
400GE6/0/19	100	198323231		
400GE6/0/20	100	198348563		
400GE6/0/21	100	198412894		
400GE6/0/22	100	198460671		
400GE6/0/23	100	198516902		
400GE6/0/24	100	198573658		
400GE6/0/25	100	198697548		
400GE6/0/26	100	198754640		
400GE6/0/27	100	198801061		
400GE6/0/28	100	199470679		
400GE6/0/29	100	199060859		
400GE6/0/30	100	199088589		
400GE6/0/31	100	199125315		
400GE6/0/32	100	199124580		
400GE6/0/33	100	199241774		
400GE6/0/34	100	199283373		
400GE6/0/35	100	199398655		
400GE6/0/36	100	199398729		





# 检验结果

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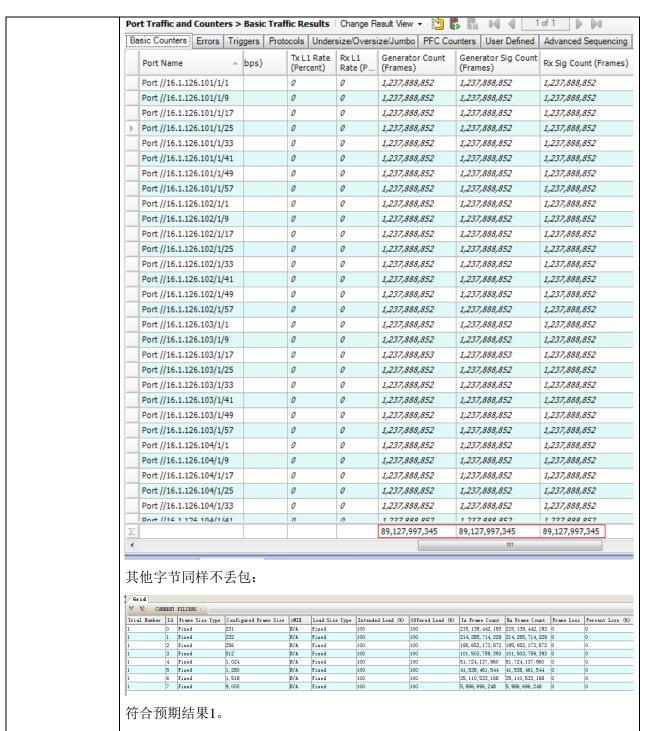
4000000 /0 /4	4.0.0	4.000.50004	 
400GE8/0/1	100	198262394	
400GE8/0/2	100	198954977	
400GE8/0/3	100	198894854	
400GE8/0/4	100	198896557	
400GE8/0/5	100	198895709	
400GE8/0/6	100	199006717	
400GE8/0/7	100	198998745	
400GE8/0/8	100	198953705	
400GE8/0/9	100	198959592	
400GE8/0/10	100	203180616	
400GE8/0/11	100	202655232	
400GE8/0/12	100	202597457	
400GE8/0/13	100	202615911	
400GE8/0/14	100	202648413	
400GE8/0/15	100	202546121	
400GE8/0/16	100	202171632	
400GE8/0/17	100	201549052	
400GE8/0/18	100	201305875	
400GE8/0/19	100	202829376	
400GE8/0/20	100	202913357	
400GE8/0/21	100	202936775	
400GE8/0/22	100	203021139	
400GE8/0/23	100	202939264	
400GE8/0/24	100	202948311	
400GE8/0/25	100	202665775	
400GE8/0/26	100	202585909	
400GE8/0/27	100	202480996	
400GE8/0/28	100	202590200	
400GE8/0/29	100	202288720	
400GE8/0/30	100	202018237	
400GE8/0/31	100	202013736	
400GE8/0/32	100	201799392	 _
400GE8/0/32	100	201793392	
400GE8/0/33	100	201490454	 _
400GE8/0/34 400GE8/0/35	100	201490454	 _
400GE8/0/35 400GE8/0/36			 _
400GE8/0/36	100	201093443	





#### 检验结果

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# 检验 结果

报告编号: B20X20358 共 91 页 第 58 页

## 6 满规格 IPv6 路由流量测试

测试目的:	验证满规格 IPv6 路由流量不丢包
测试配置及连接	DUT Tester
关系(图示):	
测试步骤:	1、DUT 的所有端口连接测试仪;
	2、测试仪与 DUT 所有端口构建三层 IPv6 fullmesh 流量,测试仪往设备发 IPv6 路由,路由数量为设备宣称规格,流量打向路由;
	3、观察流量丢包情况,有预期结果 1;
预期结果:	1、流量不丢包
测试结果:	符合预期,通过
	72个400G端口建立三层IPv6 Device:





# 检验结果

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Port Name	- 1	Device Name	Tags		Device Count	IPv6 Address	IPv6 Default Gateway
Port //16.1.126.101/1/	1 \	v6_bpg-1	Clickt	to a	1	2001:101::2	2001:101::1
Port //16.1.126.101/1/	9 1	v6_bpg-2	Clickt	to a	1	2001:102::2	2001:102::1
Port //16.1.126.101/1/	17 ١	v6_bpg-3	Clickt	to a	1	2001:103::2	2001:103::1
Port //16.1.126.101/1/	25 N	v6_bpg-4	Clickt	to a	1	2001:104::2	2001:104::1
Port //16.1.126.101/1/	33 \	v6_bpg-5	Clickt	to a	1	2001:105::2	2001:105::1
Port //16.1.126.101/1/	41 \	v6_bpg-6	Clickt	to a	1	2001:106::2	2001:106::1
Port //16.1.126.101/1/	49 I	v6_bpg-7	Clickt	to a	1	2001:107::2	2001:107::1
Port //16.1.126.101/1/	57 \	v6_bpg-8	Clickt	to a	1	2001:108::2	2001:108::1
Port //16.1.126.102/1/	1 \	v6_bpg-9	Clickt	to a	1	2001:109::2	2001:109::1
Port //16.1.126.102/1/	9 1	v6_bpg-10	Clickt	to a	1	2001:10a::2	2001:10a::1
Port //16.1.126.102/1/	17 ١	v6_bpg-11	Clickt	to a	1	2001:10b::2	2001:10b::1
Port //16.1.126.102/1/	25 l	v6_bpg-12	Clickt	to a	1	2001:10c::2	2001:10c::1
Port //16.1.126.102/1/3	33 \	v6_bpg-13	Clickt	to a	1	2001:10d::2	2001:10d::1
Port //16.1.126.102/1/	41 \	v6_bpg-14	Clickt	to a	1	2001:10e::2	2001:10e::1
Port //16.1.126.102/1/	49 I	v6_bpg-15	Clickt	to a	1	2001:10f::2	2001:10f::1
Port //16.1.126.102/1/	57 ۱	v6_bpg-16	Clickt	to a	1	2001:110::2	2001:110::1
Port //16.1.126.103/1/	1 ١	v6_bpg-17	Clickt	to a	1	2001:111::2	2001:111::1
Port //16.1.126.103/1/	9 1	v6_bpg-18	Clickt	to a	1	2001:112::2	2001:112::1
Port //16.1.126.103/1/	17 ١	v6_bpg-19	Clickt	to a	1	2001:113::2	2001:113::1
Port //16.1.126.103/1/2	25 ۱	v6_bpg-20	Clickt	to a	1	2001:114::2	2001:114::1
Port //16.1.126.103/1/	33 \	v6_bpg-21	Clickt	to a	1	2001:115::2	2001:115::1
Port //16.1.126.103/1/	41 ۱	v6_bpg-22	Clickt	to a	1	2001:116::2	2001:116::1
Port //16.1.126.103/1/	49 I	v6_bpg-23	Clickt	to a	1	2001:117::2	2001:117::1
Port //16.1.126.103/1/	57 I	v6_bpg-24	Clickt	to a	1	2001:118::2	2001:118::1
Port //16.1.126.110/1/	1 ١	v6_bpg-25	Clickt	to a	1	2001:119::2	2001:119::1
Port //16.1.126.110/1/	9 1	v6_bpg-26	Clickt	to a	1	2001:11a::2	2001:11a::1
Port //16.1.126.110/1/	۱7 ۱	v6_bpg-27	Clickt	to a	1	2001:11b::2	2001:11b::1
0 1 1125 2 205 2 20 12 12		c 1 00	al: Li		-	2001 11 2	000111





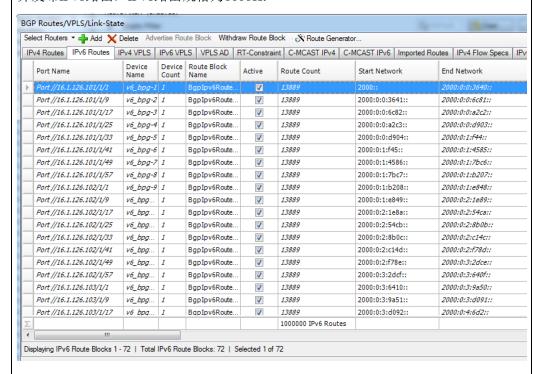
## 检验结果

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mulated Device Interface 6rd/6	ito4 DS-Lite	BFD BGP			1	1	1	1	
Port Name	Device Name	Tags	Device Count	Active	Router State	V4 Router State	V6 Router State	AS Number	DUT AS Number
Port //16.1.126.101/1/1	v6_bpg-1	Click to a	1	<b>V</b>	Established	Not Started	Established	101	100
Port //16.1.126.101/1/9	v6_bpg-2	Click to a	1	<b>V</b>	Established	Not Started	Established	102	100
Port //16.1.126.101/1/17	v6_bpg-3	Click to a	1	<b>V</b>	Established	Not Started	Established	103	100
Port //16.1.126.101/1/25	v6_bpg-4	Click to a	1	<b>V</b>	Established	Not Started	Established	104	100
Port //16.1.126.101/1/33	v6_bpg-5	Click to a	1	<b>V</b>	Established	Not Started	Established	105	100
Port //16.1.126.101/1/41	v6_bpg-6	Click to a	1	<b>V</b>	Established	Not Started	Established	106	100
Port //16.1.126.101/1/49	v6_bpg-7	Click to a	1	<b>V</b>	Established	Not Started	Established	107	100
Port //16.1.126.101/1/57	v6_bpg-8	Click to a	1	<b>V</b>	Established	Not Started	Established	108	100
Port //16.1.126.102/1/1	v6_bpg-9	Click to a	1	<b>V</b>	Established	Not Started	Established	109	100
Port //16.1.126.102/1/9	v6_bpg-10	Click to a	1	<b>V</b>	Established	Not Started	Established	110	100
Port //16.1.126.102/1/17	v6_bpg-11	Click to a	1	<b>V</b>	Established	Not Started	Established	111	100
Port //16.1.126.102/1/25	v6_bpg-12	Click to a	1	<b>V</b>	Established	Not Started	Established	112	100
Port //16.1.126.102/1/33	v6_bpg-13	Click to a	1	<b>V</b>	Established	Not Started	Established	113	100
Port //16.1.126.102/1/41	v6_bpg-14	Click to a	1	<b>V</b>	Established	Not Started	Established	114	100
Port //16.1.126.102/1/49	v6_bpg-15	Click to a	1	<b>V</b>	Established	Not Started	Established	115	100
Port //16.1.126.102/1/57	v6_bpg-16	Click to a	1	<b>V</b>	Established	Not Started	Established	116	100
Port //16.1.126.103/1/1	v6_bpg-17	Click to a	1	<b>V</b>	Established	Not Started	Established	117	100
Port //16.1.126.103/1/9	v6_bpg-18	Click to a	1	<b>V</b>	Established	Not Started	Established	118	100
Port //16.1.126.103/1/17	v6_bpg-19	Click to a	1	<b>V</b>	Established	Not Started	Established	119	100
Port //16.1.126.103/1/25	v6_bpg-20	Click to a	1	<b>V</b>	Established	Not Started	Established	120	100
Port //16.1.126.103/1/33	v6_bpg-21	Click to a	1	<b>V</b>	Established	Not Started	Established	121	100
Port //16.1.126.103/1/41	v6_bpg-22	Click to a	1	<b>V</b>	Established	Not Started	Established	122	100
Port //16.1.126.103/1/49	v6_bpg-23	Click to a	1	<b>V</b>	Established	Not Started	Established	123	100
Port //16.1.126.103/1/57	v6_bpg-24	Click to a	1	<b>V</b>	Established	Not Started	Established	124	100
Port //16.1.126.110/1/1	v6_bpg-25	Click to a	1	<b>V</b>	Established	Not Started	Established	125	100
Port //16.1.126.110/1/9	v6_bpg-26	Click to a	1	V	Established	Not Started	Established	126	100
				72 Active				i i	†

#### 并发布IPv6路由, IPv6路由规格为1000K:



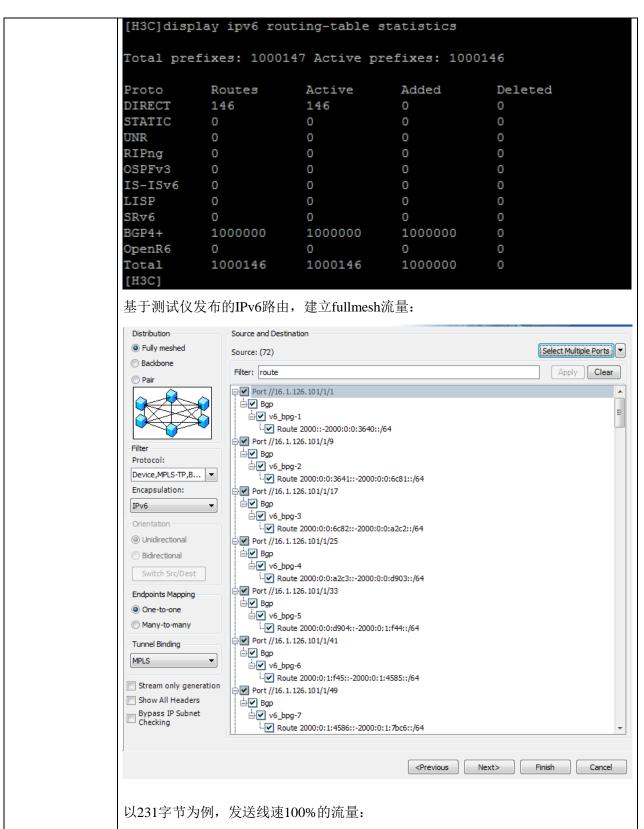
设备上IPv6路由数量统计:





### 检验结果

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# 检验结果

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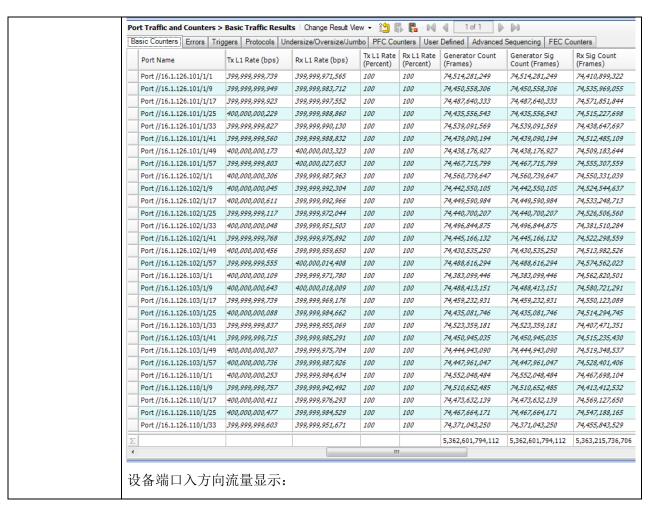
9	Status	Active	Name	Tags	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Lengt Mode
	•	<b>V</b>	V6_BGP-1	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-2	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-3	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-4	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-5	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-6	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-7	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-8	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-9	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-10	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-11	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-12	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-13	Click to ad	71	100	Percent (%)	231	Fixed
	<u>@</u> ,	<b>V</b>	V6_BGP-14	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-15	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-16	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-17	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-18	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-19	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-20	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-21	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-22	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-23	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-24	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-25	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-26	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-27	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-28	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-29	Click to ad	71	100	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-30	Click to ad	71	100	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-31	Click to ad	71	100	Percent (%)	231	Fixed
4			III	_					





### 检验结果

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# 检验结果

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_	utilization in			
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pp
400GE6/0/1	100	199525754		
400GE6/0/2	100	199524476		
400GE6/0/3	100	199456952		
400GE6/0/4	100	199508760		
400GE6/0/5	100	199499095		
400GE6/0/6	100	199500394		
400GE6/0/7	100	199491026		
400GE6/0/8	100	199484948		
400GE6/0/9	100	199484985		
400GE6/0/10	100	199529423		
400GE6/0/11	100	199497936		
400GE6/0/12	100	199503730		
400GE6/0/13	100	199508930		
400GE6/0/14	100	199514297		
400GE6/0/15	100	199505033		
400GE6/0/16	100	199474649		
400GE6/0/17	100	199499324		
400GE6/0/18	100	199508933		
400GE6/0/19	100	199179609		
400GE6/0/20	100	199175159		
400GE6/0/21	100	199166732		
400GE6/0/22	100	199171075		
400GE6/0/23	100	199205050		
400GE6/0/24	100	199201200		
400GE6/0/25	100	199199874		
400GE6/0/26	100	199198325		
400GE6/0/27	100	199190959		
400GE6/0/28	100	200384099		
400GE6/0/29	100	200368820		
400GE6/0/30	100	200365947		
400GE6/0/31	100	199953926		
400GE6/0/32	100	199935034		
400GE6/0/33	100	199851361		
400GE6/0/34	100	199900651		
400GE6/0/35	100	199360570		
400GE6/0/36	100	199308440		





# 检验结果

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400GE8/0/1	100	198689308	 
400GE8/0/2	100	198686763	
400GE8/0/3	100	198686436	
400GE8/0/4	100	198702022	
400GE8/0/5	100	198700881	
400GE8/0/6	100	198701927	
400GE8/0/7	100	198700693	
400GE8/0/8	100	198699765	
400GE8/0/9	100	198657630	
400GE8/0/10	100	198593312	
400GE8/0/11	100	198563219	
400GE8/0/12	100	198562375	
400GE8/0/13	100	198559791	
400GE8/0/14	100	198516808	
400GE8/0/15	100	198458573	
400GE8/0/16	100	198874472	
400GE8/0/17	100	198856102	
400GE8/0/18	100	198844616	
400GE8/0/19	100	199361665	
400GE8/0/20	100	199365003	
400GE8/0/21	100	199368183	
400GE8/0/22	100	199353533	
400GE8/0/23	100	199358038	
400GE8/0/24	100	199348854	
400GE8/0/25	100	199277768	
400GE8/0/26	100	199281534	
400GE8/0/27	100	199340234	
400GE8/0/28	100	199605608	
400GE8/0/29	100	199604884	
400GE8/0/30	100	199604396	
400GE8/0/31	100	199604576	
400GE8/0/32	100	199619739	
400GE8/0/33	100	199578986	
400GE8/0/34	100	199546164	
400GE8/0/35	100	199548987	
400GE8/0/36	100	199500298	
设备端口出方向	流量显示:		
	NIR 75 75 /11.		





# 检验结果

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	counters rate outbo Ath utilization in			
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	201218043	Dioadcast (pps)	Huiticast (pps)
400GE6/0/2	100	201218043		
400GE6/0/3	100	201173240		
400GE6/0/4	100	201131737		
400GE6/0/5	100	201131129		
400GE6/0/6	100	201143323		
400GE6/0/7	100	201149110		
400GE6/0/8	100	201130931		
400GE6/0/9	100	201185161		
400GE6/0/10	100	198651460		
400GE6/0/10	100	198657414		
400GE6/0/12	100	198677261		
400GE6/0/13	100	198337561		
400GE6/0/14	100	198357827		
400GE6/0/15	100	198418593		
400GE6/0/16	100	198550108		
400GE6/0/17	100	198435797		
400GE6/0/18	100	198431888		
400GE6/0/19	100	199015183		
400GE6/0/20	100	199018474		
400GE6/0/21	100	199083510		
400GE6/0/22	100	199088871		
400GE6/0/23	100	199119661		
400GE6/0/24	100	199176898		
400GE6/0/25	100	199185013		
400GE6/0/26	100	199188838		
400GE6/0/27	100	199230322		
400GE6/0/28	100	198796016		
400GE6/0/29	100	198834510		
400GE6/0/30	100	198835906		
400GE6/0/31	100	198838447		
400GE6/0/32	100	198838976		
400GE6/0/33	100	198843907		
400GE6/0/34	100	198801109		
400GE6/0/35	100	198799449		
400GE6/0/36	100	198765678		





# 检验结果

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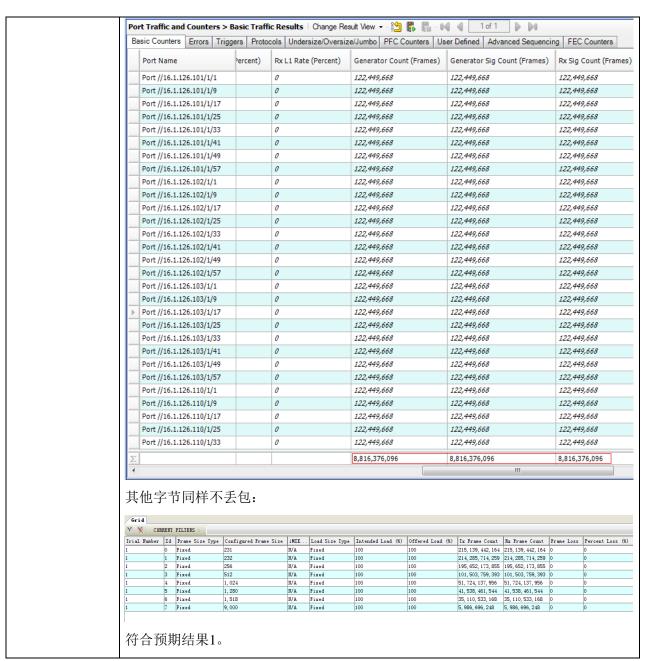
400GE8/0/1	100	206052247		
400GE8/0/2	100	206059372		
400GE8/0/3	100	206064444		
400GE8/0/4	100	205652589		
400GE8/0/5	100	205692366		
400GE8/0/6	100	205735106		
400GE8/0/7	100	205727567		
400GE8/0/8	100	205734163		
400GE8/0/9	100	205712809		
400GE8/0/10	100	199007171		
400GE8/0/11	100	199003159		
400GE8/0/12	100	199002522		
400GE8/0/13	100	199006340		
400GE8/0/14	100	199024250		
400GE8/0/15	100	199861678		
400GE8/0/16	100	199865156		
400GE8/0/17	100	199865849		
400GE8/0/18	100	199867837		
400GE8/0/19	100	198920845		
400GE8/0/20	100	198919601		
400GE8/0/21	100	198924112		
400GE8/0/22	100	199332134		
400GE8/0/23	100	199329336		
400GE8/0/24	100	199289458		
400GE8/0/25	100	199287881		
400GE8/0/26	100	198849619		
400GE8/0/27	100	198850414		
400GE8/0/28	100	199173680		
400GE8/0/29	100	199172471		
400GE8/0/30	100	198727044		
400GE8/0/31	100	198724114		
400GE8/0/32	100	198724674		
400GE8/0/33	100	198736935		
400GE8/0/34	100	198752347		
400GE8/0/35	100	198767893		
400GE8/0/36	100	198786713		
停流后观察测试仪,	显示收发总	计数相同,不丢包	:	





### 检验结果

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## 检验结果

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### 7 满规格 IPv4/IPv6 双栈路由流量测试

测试目的:	验证满规格双栈路由流量不丢包				
测试配置及连接 关系(图示):	DUT Tester				
测试步骤:	1、DUT 的所有端口连接测试仪;				
	2、测试仪与 DUT 所有端口构建三层 IPv4/IPv6 fullmesh 流量,测试仪往设备发 IPv4/IPv6 路由,路由数量为设备宣称规格,流量打向路由;				
	3、观察流量丢包情况,有预期结果1;				
预期结果:	1、流量不丢包				
测试结果:	符合预期,通过				
	72个400G端口各建立一个IPv4、IPv6 Device:				





# 检验结果

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Port	Port Name	Device Name	Tags	Device Count	IPv4 Address	IPv4 Default Gateway	IPv6 Address	IPv6 Default Gateway
Port	Port //16.1.126.101/1/1	v4_bpg-1	Click to a	1	100.101.0.2	100.101.0.1		
Port	Port //16.1.126.101/1/1	v6_bpg-1	Click to a	1			2001:101::2	2001:101::1
Port	Port //16.1.126.101/1/9	v4_bpg-2	Click to a	1	100.102.0.2	100.102.0.1		
Port	Port //16.1.126.101/1/9	v6_bpg-2	Click to a	1			2001:102::2	2001:102::1
Port	Port //16.1.126.101/1/17	v4_bpg-3	Click to a	1	100.103.0.2	100.103.0.1		
Port	Port //16.1.126.101/1/17	v6_bpg-3	Click to a	1			2001:103::2	2001:103::1
Port	Port //16.1.126.101/1/25	v4_bpg-4	Click to a	1	100.104.0.2	100.104.0.1		
Port //16.1.126.101/1/33         v6_bpg-5         Clickto a 1         2001:105::2         2001:105::1           Port //16.1.126.101/1/41         v4_bpg-6         Clickto a 1         100.106.0.2         100.106.0.1           Port //16.1.126.101/1/41         v6_bpg-6         Clickto a 1         2001:106::2         2001:106::1           Port //16.1.126.101/1/49         v4_bpg-7         Clickto a 1         100.107.0.2         100.107.0.1           Port //16.1.126.101/1/57         v4_bpg-7         Clickto a 1         2001:107:0.1         2001:107::2         2001:107::1           Port //16.1.126.101/1/57         v4_bpg-8         Clickto a 1         100.108.0.2         100.108.0.1         2001:107::2         2001:107::1           Port //16.1.126.102/1/1         v4_bpg-8         Clickto a 1         100.108.0.2         100.108.0.1         2001:108::2         2001:108::1           Port //16.1.126.102/1/1         v4_bpg-9         Clickto a 1         100.109.0.2         100.109.0.1         2001:108::2         2001:108::1           Port //16.1.126.102/1/9         v4_bpg-9         Clickto a 1         100.110.0.2         100.110.0.1         2001:108::2         2001:108::1           Port //16.1.126.102/1/9         v4_bpg-10         Clickto a 1         100.110.0.2         100.1110.0.1         2001:108::2<	Port //16.1.126.101/1/25	v6_bpg-4	Click to a	1			2001:104::2	2001:104::1
Port //16.1.126.101/1/33         v6_bpg-5         Clickto a 1         2001:105::2         2001:105::1           Port //16.1.126.101/1/41         v4_bpg-6         Clickto a 1         100.106.0.2         100.106.0.1           Port //16.1.126.101/1/41         v6_bpg-6         Clickto a 1         2001:106::2         2001:106::2           Port //16.1.126.101/1/49         v4_bpg-7         Clickto a 1         100.107.0.2         100.107.0.1           Port //16.1.126.101/1/57         v4_bpg-8         Clickto a 1         2001:107::2         2001:107::2           Port //16.1.126.101/1/57         v4_bpg-8         Clickto a 1         100.108.0.2         100.108.0.1           Port //16.1.126.102/1/57         v4_bpg-9         Clickto a 1         2001:108::2         2001:108::1           Port //16.1.126.102/1/1         v4_bpg-9         Clickto a 1         100.109.0.2         100.109.0.1           Port //16.1.126.102/1/1         v4_bpg-9         Clickto a 1         100.110.0.2         100.110.0.1           Port //16.1.126.102/1/9         v4_bpg-10         Clickto a 1         100.110.0.2         100.110.0.1           Port //16.1.126.102/1/7         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1           Port //16.1.126.102/1/2         v4_bpg-12         Clickto a.	Port //16.1.126.101/1/33	v4_bpg-5	Click to a	1	100.105.0.2	100.105.0.1		
Port	Port //16.1.126.101/1/33	v6_bpg-5	Click to a	1			2001:105::2	2001:105::1
Port	Port //16.1.126.101/1/41		Click to a	1	100.106.0.2	100.106.0.1		
Port//16.1.126.101/1/49         v6_bpg-7         Clickto a 1         2001:107::2         2001:107::1           Port//16.1.126.101/1/57         v4_bpg-8         Clickto a 1         100.108.0.2         100.108.0.1           Port//16.1.126.101/1/57         v6_bpg-8         Clickto a 1         2001:108::2         2001:108::2           Port//16.1.126.102/1/1         v4_bpg-9         Clickto a 1         100.109.0.2         100.109.0.1           Port//16.1.126.102/1/1         v6_bpg-9         Clickto a 1         2001:109::2         2001:109::2           Port//16.1.126.102/1/9         v4_bpg-10         Clickto a 1         100.110.0.2         100.110.0.1           Port//16.1.126.102/1/17         v4_bpg-10         Clickto a 1         2001:108::2         2001:108::1           Port//16.1.126.102/1/17         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1           Port//16.1.126.102/1/17         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1           Port//16.1.126.102/1/17         v4_bpg-12         Clickto a 1         100.112.0.2         100.112.0.1	Port //16.1.126.101/1/41	v6_bpg-6	Click to a	1			2001:106::2	2001:106::1
Port	Port //16.1.126.101/1/49	v4_bpg-7	Click to a	1	100.107.0.2	100.107.0.1		
Port	Port //16.1.126.101/1/49	v6_bpg-7	Click to a	1			2001:107::2	2001:107::1
Port//16.1.126.102/1/1         v4_bpg-9         Clickto a 1         100.109.0.2         100.109.0.1         2001:109::2         2001:109::1           Port//16.1.126.102/1/1         v6_bpg-9         Clickto a 1         100.110.0.2         100.110.0.1         2001:109::2         2001:109::1           Port//16.1.126.102/1/9         v6_bpg-10         Clickto a 1         100.110.0.2         2001:10a::2         2001:10a::2         2001:10a::1           Port//16.1.126.102/1/17         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1         2001:10b::2         2001:10b::1           Port//16.1.126.102/1/17         v6_bpg-11         Clickto a 1         2001:10b::2         2001:10b::1           Port//16.1.126.102/1/25         v4_bpg-12         Clickto a 1         100.112.0.2         100.112.0.1	Port //16.1.126.101/1/57	v4_bpg-8	Click to a	1	100.108.0.2	100.108.0.1		
Port //16.1.126.102/1/1 v6_bpg-9 Clickto a 1 100.110.0.2 100.110.0.1  Port //16.1.126.102/1/9 v4_bpg-10 Clickto a 1 100.110.0.2 100.110.0.1  Port //16.1.126.102/1/9 v6_bpg-10 Clickto a 1 2001:10.11 2001:10.12 2001:10.11  Port //16.1.126.102/1/17 v4_bpg-11 Clickto a 1 100.111.0.2 100.111.0.1  Port //16.1.126.102/1/17 v6_bpg-11 Clickto a 1 2001:10.11 2001:10.12 2001:10.11  Port //16.1.126.102/1/25 v4_bpg-12 Clickto a 1 100.112.0.2 100.112.0.1	Port //16.1.126.101/1/57	v6_bpg-8	Click to a	1			2001:108::2	2001:108::1
Port //16.1.126.102/1/9         v4_bpg-10         Clickto a 1         100.110.0.2         100.110.0.1         2001:10a::2         2001:10a::2         2001:10a::1           Port //16.1.126.102/1/7         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1         2001:10a::2         2001:10a::2         2001:10a::1           Port //16.1.126.102/1/17         v6_bpg-11         Clickto a 1         100.111.0.2         2001:10b::2         2001:10b::1           Port //16.1.126.102/1/25         v4_bpg-12         Clickto a 1         100.112.0.2         100.112.0.1         100.112.0.1	Port //16.1.126.102/1/1	v4_bpg-9	Click to a	1	100.109.0.2	100.109.0.1		
Port //16.1.126.102/1/9         v6_bpg-10         Clickto a 1         2001:10a::2         2001:10a::2         2001:10a::1           Port //16.1.126.102/1/17         v4_bpg-11         Clickto a 1         100.111.0.2         100.111.0.1         2001:10b::2         2001:10b::1           Port //16.1.126.102/1/25         v4_bpg-11         Clickto a 1         2001:10b::2         2001:10b::1	Port //16.1.126.102/1/1	v6_bpg-9	Click to a	1			2001:109::2	2001:109::1
Port //16.1.126.102/1/17     v4_bpg-11     Click to a 1     100.111.0.2     100.111.0.1       Port //16.1.126.102/1/17     v6_bpg-11     Click to a 1     2001:10b::2     2001:10b::2       Port //16.1.126.102/1/25     v4_bpg-12     Click to a 1     100.112.0.2     100.112.0.1	Port //16.1.126.102/1/9	v4_bpg-10	Click to a	1	100.110.0.2	100.110.0.1		
Port //16.1.126.102/1/17 v6_bpg-11 Clickto a 1 2001:10b::2 2001:10b::1 Port //16.1.126.102/1/25 v4_bpg-12 Clickto a 1 100.112.0.2 100.112.0.1	Port //16.1.126.102/1/9	v6_bpg-10	Click to a	1			2001:10a::2	2001:10a::1
Port //16.1.126.102/1/25 v4_bpg-12 Clickto a 1 100.112.0.2 100.112.0.1	Port //16.1.126.102/1/17	v4_bpg-11	Click to a	1	100.111.0.2	100.111.0.1		
	Port //16.1.126.102/1/17	v6_bpg-11	Click to a	1			2001:10b::2	2001:10b::1
Port //16.1.126.102/1/25 v6_bpg-12 Click to a 1 2001:10c::2 2001:10c::2	Port //16.1.126.102/1/25	v4_bpg-12	Click to a	1	100.112.0.2	100.112.0.1		
	Port //16.1.126.102/1/25	v6_bpg-12	Click to a	1			2001:10c::2	2001:10c::1
Port //16.1.126.102/1/33  v4_bpg-13  Click to a 1  100.113.0.2  100.113.0.1	Port //16.1.126.102/1/33	v4_bpg-13	Click to a	1	100.113.0.2	100.113.0.1		
Port //16.1.126.102/1/33 v6_bpg-13 Clickto a 1 2001:10d::2 2001:10d::2	Port //16.1.126.102/1/33	v6_bpg-13	Click to a	1			2001:10d::2	2001:10d::1
Port //16.1.126.102/1/41 v4_bpg-14 Clickto a 1 100.114.0.2 100.114.0.1	Port //16.1.126.102/1/41	v4_bpg-14	Click to a	1	100.114.0.2	100.114.0.1		
1 1111111111111111111111111111111111111			al: L :		İ			
Displaying Devices 1 - 144   Filtered Devices: 144   Total Devices: 144   Selected 1 of 144		J.D., dans, 144	I Tatal Do :	144	I Calcarad 1 C 1	**		





# 检验结果

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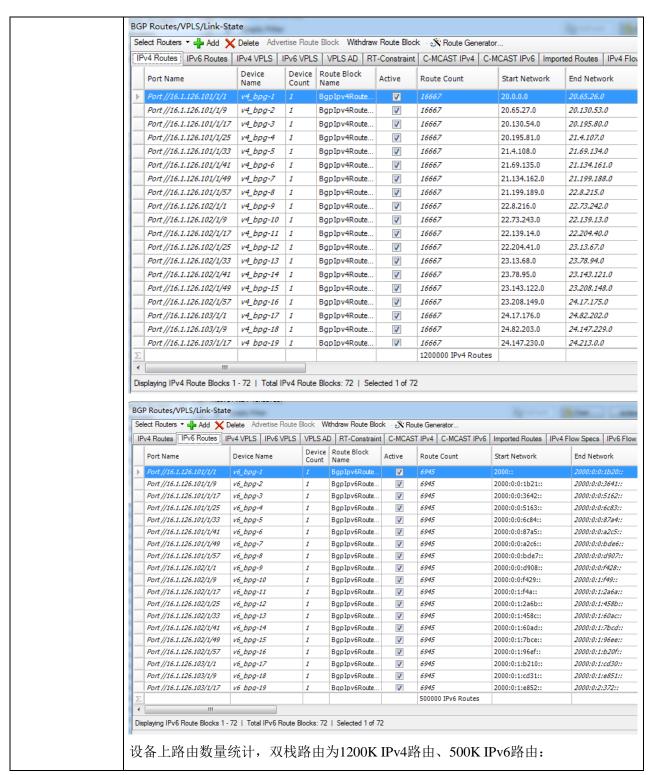
	Port Name	Device Name	Tags	Device Count	Active	Router State	V4 Router State	V6 Router State	AS Number	DUT A
	Port //16.1.126.101/1/1	v4_bpg-1	Clic	1	<b>V</b>	Established	Established	Not Started	101	100
	Port //16.1.126.101/1/1	v6_bpg-1	Clic	1	V	Established	Not Started	Established	101	100
	Port //16.1.126.101/1/9	v4_bpg-2	Clic	1	<b>V</b>	Established	Established	Not Started	102	100
	Port //16.1.126.101/1/9	v6_bpg-2	Clic	1	<b>V</b>	Established	Not Started	Established	102	100
	Port //16.1.126.101/1/17	v4_bpg-3	Clic	1	V	Established	Established	Not Started	103	100
	Port //16.1.126.101/1/17	v6_bpg-3	Clic	1	V	Established	Not Started	Established	103	100
	Port //16.1.126.101/1/25	v4_bpg-4	Clic	1	V	Established	Established	Not Started	104	100
	Port //16.1.126.101/1/25	v6_bpg-4	Clic	1	V	Established	Not Started	Established	104	100
	Port //16.1.126.101/1/33	v4_bpg-5	Clic	1	V	Established	Established	Not Started	105	100
	Port //16.1.126.101/1/33	v6_bpg-5	Clic	1	V	Established	Not Started	Established	105	100
	Port //16.1.126.101/1/41	v4_bpg-6	Clic	1	V	Established	Established	Not Started	106	100
	Port //16.1.126.101/1/41	v6_bpg-6	Clic	1	V	Established	Not Started	Established	106	100
	Port //16.1.126.101/1/49	v4_bpg-7	Clic	1	<b>V</b>	Established	Established	Not Started	107	100
	Port //16.1.126.101/1/49	v6_bpg-7	Clic	1	V	Established	Not Started	Established	107	100
	Port //16.1.126.101/1/57	v4_bpg-8	Clic	1	V	Established	Established	Not Started	108	100
	Port //16.1.126.101/1/57	v6_bpg-8	Clic	1	V	Established	Not Started	Established	108	100
	Port //16.1.126.102/1/1	v4_bpg-9	Clic	1	V	Established	Established	Not Started	109	100
	Port //16.1.126.102/1/1	v6_bpg-9	Clic	1	V	Established	Not Started	Established	109	100
	Port //16.1.126.102/1/9	v4_bpg-10	Clic	1	V	Established	Established	Not Started	110	100
	Port //16.1.126.102/1/9	v6_bpg-10	Clic	1	V	Established	Not Started	Established	110	100
	Port //16.1.126.102/1/17	v4_bpg-11	Clic	1	V	Established	Established	Not Started	111	100
	Port //16.1.126.102/1/17	v6_bpg-11	Clic	1	V	Established	Not Started	Established	111	100
	Port //16.1.126.102/1/25	v4_bpg-12	Clic	1	<b>V</b>	Established	Established	Not Started	112	100
	Port //16.1.126.102/1/25	v6_bpg-12	Clic	1	<b>V</b>	Established	Not Started	Established	112	100
	Port //16.1.126.102/1/33	v4_bpg-13	Clic	1	<b>V</b>	Established	Established	Not Started	113	100
	Port //16.1.126.102/1/33	v6_bpg-13	Clic	1	<b>V</b>	Established	Not Started	Established	113	100
					144 Active					
Σ										





### 检验结果

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# 检验结果

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_				
		Active		
		298		
STATIC	1 0			
UNR RIP	0		0	0
RIP OSPF	0		0	0
OSPF	0	0	0	0
	0	0	0	0
LISP	0	0	0	0
EIGRP	0	0	0	0
BGP	1200000	1200000		
		0		
Total	1200299	1200299	1200000	0
[H3C]disp	olay ipv6 ro	uting-table : 47 Active p:		146
[H3C]disp	olay ipv6 ro	47 Active p	refixes: 500	
[H3C]disp Total pre Proto	olay ipv6 ro efixes: 5001 Routes	47 Active p	refixes: 500	Delete
[H3C]disp Total pre Proto DIRECT	Polay ipv6 ro efixes: 5001 Routes 146	47 Active p Active 146	refixes: 500 Added 0	Deleteo
[H3C]disp Total pre Proto DIRECT STATIC	Play ipv6 ro Routes 146	Active pondative pondative 146	refixes: 500 Added 0 0	Deleteo O O
[H3C]disp Total pre Proto DIRECT STATIC UNR	Routes 146 0	Active posts Active 146	Added  0  0  0	Deleted 0 0 0
[H3C]disp Total pre Proto DIRECT STATIC UNR RIPng	Routes 146 0 0	Active posts Active 146 0 0 0	Added  0  0  0  0  0	Deleted 0 0 0 0
[H3C]dispressive protocological prot	Routes 146 0 0 0	Active posts Active posts 146 0 0 0 0 0 0	Added  0  0  0  0  0  0  0	Deleted 0 0 0 0 0
[H3C]dispressive protocological prot	Routes 146 0 0 0 0	Active posts Active posts Active 146 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Added  0  0  0  0  0  0  0  0	Deleted 0 0 0 0 0
[H3C]dispressive protocological prot	Routes 146 0 0 0 0 0 0	Active p: Active 146 0 0 0 0 0	Added 0 0 0 0 0 0 0	Deleted 0 0 0 0 0 0
[H3C]dispressive protocological prot	Routes 146 0 0 0 0 0 0	Active p: Active 146 0 0 0 0 0 0	Added 0 0 0 0 0 0 0 0	Deleted 0 0 0 0 0 0 0
[H3C]dispressive protocological prot	Routes 146 0 0 0 0 0 0	Active p: Active 146 0 0 0 0 0	Added 0 0 0 0 0 0 0 0	Deleted 0 0 0 0 0 0

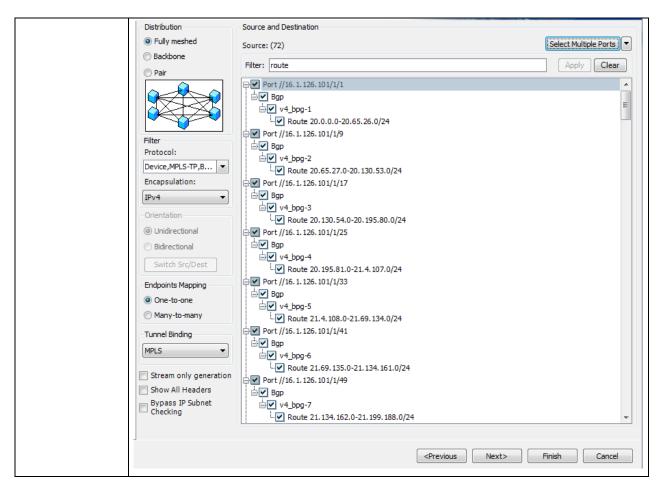




## 检验结果

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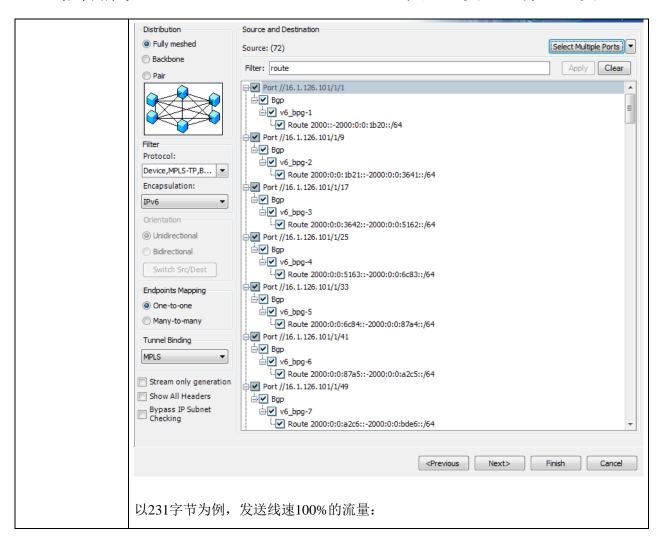




## 检验结果

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# 检验结果

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	Status	Active	Name	Tag s	Tx Port 🔺	Stream Count	Load	Load Unit	Fixed Frame Le	Frame Length Mode
	<u>_</u>	V	V4_BGP-1	Cli	Port //16.1.126.101/1/1	71	50	Percent (%)	231	Fixed
	<u>e</u>	<b>V</b>	V6_BGP-1	Cli	Port //16.1.126.101/1/1	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V4_BGP-2	Cli	Port //16.1.126.101/1/9	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-2	Cli	Port //16.1.126.101/1/9	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V4_BGP-3	Cli	Port //16.1.126.101/1/17	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-3	Cli	Port //16.1.126.101/1/17	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V4_BGP-4	Cli	Port //16.1.126.101/1/25	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-4	Cli	Port //16.1.126.101/1/25	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V4_BGP-5	Cli	Port //16.1.126.101/1/33	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V6_BGP-5	Cli	Port //16.1.126.101/1/33	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V4_BGP-6	Cli	Port //16.1.126.101/1/41	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-6	Cli	Port //16.1.126.101/1/41	71	50	Percent (%)	231	Fixed
	<b>e</b>	<b>V</b>	V4_BGP-7	Cli	Port //16.1.126.101/1/49	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-7	Cli	Port //16.1.126.101/1/49	71	50	Percent (%)	231	Fixed
	<b>@</b>	<b>V</b>	V4_BGP-8	Cli	Port //16.1.126.101/1/57	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>V</b>	V6_BGP-8	Cli	Port //16.1.126.101/1/57	71	50	Percent (%)	231	Fixed
	<b>(4)</b>	<b>V</b>	V4_BGP-9	Cli	Port //16.1.126.102/1/1	71	50	Percent (%)	231	Fixed
	•	<b>V</b>	V6_BGP-9	Cli	Port //16.1.126.102/1/1	71	50	Percent (%)	231	Fixed
	<b>(</b>	<b>V</b>	V4_BGP-10	Cli	Port //16.1.126.102/1/9	71	50	Percent (%)	231	Fixed
	<b>(4)</b>	<b>V</b>	V6_BGP-10	Cli	Port //16.1.126.102/1/9	71	50	Percent (%)	231	Fixed
	<b>(4)</b>	<b>V</b>	V4_BGP-11	Cli	Port //16.1.126.102/1/17	71	50	Percent (%)	231	Fixed
	<b>(</b>	<b>V</b>	V6_BGP-11	Cli	Port //16.1.126.102/1/17	71	50	Percent (%)	231	Fixed
	<b>(4)</b>	<b>V</b>	V4_BGP-12	Cli	Port //16.1.126.102/1/25	71	50	Percent (%)	231	Fixed
	<b>(4)</b>	<b>V</b>	V6_BGP-12	Cli	Port //16.1.126.102/1/25	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>✓</b>	V4_BGP-13	Cli	Port //16.1.126.102/1/33	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>V</b>	V6_BGP-13	Cli	Port //16.1.126.102/1/33	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>▽</b>	V4_BGP-14	Cli	Port //16.1.126.102/1/41	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>V</b>	V6_BGP-14	Cli	Port //16.1.126.102/1/41	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>V</b>	V4_BGP-15	Cli	Port //16.1.126.102/1/49	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>✓</b>	V6_BGP-15	Cli	Port //16.1.126.102/1/49	71	50	Percent (%)	231	Fixed
	<b>a</b>	<b>V</b>	V4_BGP-16	Cli	Port //16.1.126.102/1/57	71	50	Percent (%)	231	Fixed
4			III							
	isplaying Strea 训试仪发			am Blo	ocks: 144   Selected 1 of 14	44				

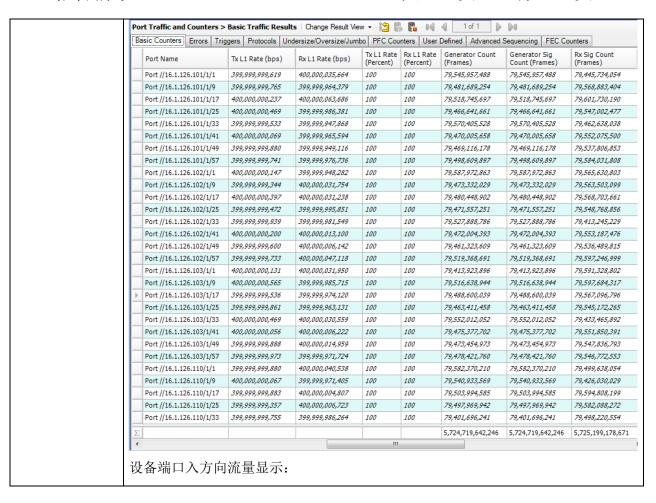




### 检验结果

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# 检验结果

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[H3C]display cou Usage: Bandwidth				
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	199367014		Haiticast (pps)
400GE6/0/2	100	199344967		
400GE6/0/3	100	199314201		
400GE6/0/4	100	199418641		
400GE6/0/5	100	199417379		
400GE6/0/6	100	199470273		
400GE6/0/7	100	199471645		
400GE6/0/8	100	199504737		
400GE6/0/9	100	199504982		
400GE6/0/10	100	199644681		
400GE6/0/11	100	199646531		
400GE6/0/12	100	199609965		
400GE6/0/13	100	199607137		
400GE6/0/14	100	199604486		
400GE6/0/15	100	199615059		
400GE6/0/16	100	199598723		
400GE6/0/17	100	199599107		
400GE6/0/18	100	199614717		
400GE6/0/19	100	199813838		
400GE6/0/20	100	199813988		
400GE6/0/21	100	199768738		
400GE6/0/22	100	199770710		
400GE6/0/23	100	199774452		
400GE6/0/24	100	200182262		
400GE6/0/25	100	200118545		
400GE6/0/26	100	200115698		
400GE6/0/27	100	199652840		
400GE6/0/28	100	199170540		
400GE6/0/29	100	199163624		
400GE6/0/30	100	199622511		
400GE6/0/31	100	199590246		
400GE6/0/32	100	199536381		
400GE6/0/33	100	199132062		
400GE6/0/34	100	199130931		
400GE6/0/35	100	199091293		
400GE6/0/36	100	199058179		





# 检验结果

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400GE8/0/1	100	199368443	
400GE8/0/2	100	198959497	
400GE8/0/3	100	198959399	
400GE8/0/4	100	198952220	
400GE8/0/5	100	198974248	
400GE8/0/6	100	198980617	
400GE8/0/7	100	198998035	
400GE8/0/8	100	199034368	
400GE8/0/9	100	198976871	
400GE8/0/10	100	199459683	
400GE8/0/11	100	199444352	
400GE8/0/12	100	199439811	
400GE8/0/13	100	199439605	
400GE8/0/14	100	199446027	
400GE8/0/15	100	199424879	
400GE8/0/16	100	199382197	
400GE8/0/17	100	199327246	
400GE8/0/18	100	199441350	
400GE8/0/19	100	200069936	
400GE8/0/20	100	200099505	
400GE8/0/21	100	200063306	
400GE8/0/22	100	200058768	
400GE8/0/23	100	200054736	
400GE8/0/24	100	200030323	
400GE8/0/25	100	200023759	
400GE8/0/26	100	199890720	
400GE8/0/27	100	199741605	
400GE8/0/28	100	199201270	
400GE8/0/29	100	199199533	
400GE8/0/30	100	199617545	
400GE8/0/31	100	199604990	
400GE8/0/32	100	199624750	
400GE8/0/33	100	199581964	
400GE8/0/34	100	199425923	
400GE8/0/35	100	199376375	
400GE8/0/36	100	199321863	 _





# 检验结果

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Usage: Bandwidth	utilization in	percentage		
Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
400GE6/0/1	100	199850267		
400GE6/0/2	100	199849902		
400GE6/0/3	100	199844085		
400GE6/0/4	100	199867255		
400GE6/0/5	100	199826501		
400GE6/0/6	100	199833577		
400GE6/0/7	100	199735731		
400GE6/0/8	100	199867461		
400GE6/0/9	100	199928416		
400GE6/0/10	100	198750815		
400GE6/0/11	100	198656023		
400GE6/0/12	100	198673262		
400GE6/0/13	100	198678249		
400GE6/0/14	100	198675411		
400GE6/0/15	100	198750307		
400GE6/0/16	100	198738508		
400GE6/0/17	100	198744958		
400GE6/0/18	100	198744380		
400GE6/0/19	100	199070892		
400GE6/0/20	100	199069788		
400GE6/0/21	100	199065911		
400GE6/0/22	100	199062477		
400GE6/0/23	100	199099705		
400GE6/0/24	100	199145328		
400GE6/0/25	100	199124098		
400GE6/0/26	100	199092037		
400GE6/0/27	100	199073430		
400GE6/0/28	100	199067357		
400GE6/0/29	100	198652686		
400GE6/0/30	100	198652693		
400GE6/0/31	100	198692338		
400GE6/0/32	100	198691769		
400GE6/0/33	100	198739093		
400GE6/0/34	100	198698200		
400GE6/0/35	100	198702247		
400GE6/0/36	100	198697700		





# 检验结果

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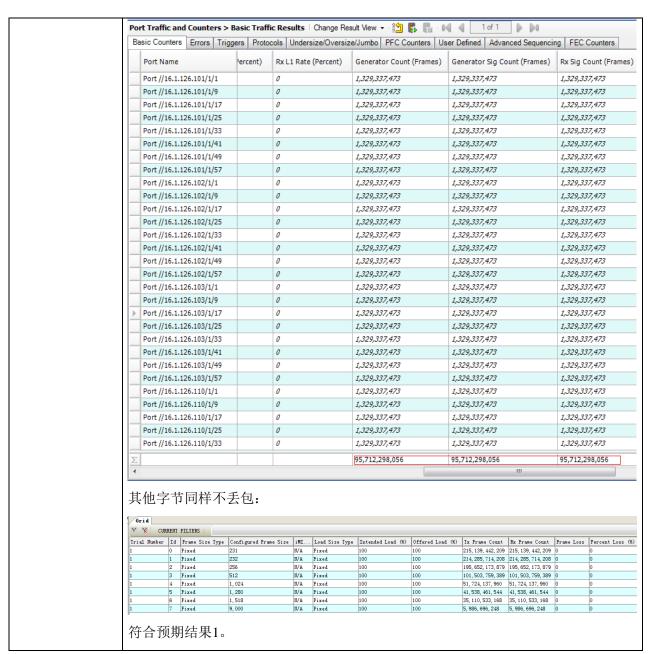
400GE8/0/1	100	198756848	
400GE8/0/2	100	198784668	
400GE8/0/3	100	198793226	
400GE8/0/4	100	198946395	
400GE8/0/5	100	198986217	
400GE8/0/6	100	198988318	
400GE8/0/7	100	198995419	
400GE8/0/8	100	199055369	
400GE8/0/9	100	199528791	
400GE8/0/10	100	198537155	
400GE8/0/11	100	198526025	
400GE8/0/12	100	198527609	
400GE8/0/13	100	198457216	
400GE8/0/14	100	198505554	
400GE8/0/15	100	198549581	
400GE8/0/16	100	198539187	
400GE8/0/17	100	198474019	
400GE8/0/18	100	198456797	
400GE8/0/19	100	199177227	
400GE8/0/20	100	199220197	
400GE8/0/21	100	199178774	
400GE8/0/22	100	199159789	
400GE8/0/23	100	199154896	
400GE8/0/24	100	199004866	
400GE8/0/25	100	198996884	
400GE8/0/26	100	198988402	
400GE8/0/27	100	198981940	
400GE8/0/28	100	199794082	
400GE8/0/29	100	199798407	
400GE8/0/30	100	199796045	
400GE8/0/31	100	199824968	
400GE8/0/32	100	199829041	
400GE8/0/33	100	199827421	
400GE8/0/34	100	199869487	
	100	199787418	
400GE8/0/35			





### 检验结果

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## 检验结果

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## 8 功耗测试

	4页 III	E 400G 单端口功耗								
测试配置及连接关系(图示):	无									
测试步骤:	1,	1、设备不插业务板正常运行,功耗稳定后记录整机功耗 A;								
	2、	插入一块400G 业务	<b>分板,待业务</b>	板正常启z	动后,记录整机功耗 I	3;				
	3、3	端口功耗 = (B-A	.)/端口数;							
预期结果:	计算	「端口功耗								
测试结果:	符合	预期,通过								
	设备	- 只有一块业务板,	正常运行:							
	[H3C	]display device								
		Type	State	Subslot	Soft Ver	Patch Ver				
	0	LSXM1CMU1	Master	0	S12508CR-5109P02	None				
	1	None	Absent	0	None	None				
	2	None	Absent	0	None	None				
	3	LSXM1SUPK1	Master	0	S12508CR-5109P02	None				
	4	None	Absent	0	None	None				
	5	None	Absent	0	None	None				
	6	None	Absent	0	None	None				
	7	None	Absent	0	None	None				
	8	LSXM1CDQ36KB	Normal	0	S12508CR-5109P02	None				
	9	None	Absent	0	None	None				
	10	None	Absent	0	None	None				
	11 12	None	Absent Normal	0	None	None				
		LSXM1SFK08G1		0	S12508CR-5109P02	None				
	13 14	LSXM1SFK08G1 LSXM1SFK08G1	Normal Normal	0	S12508CR-5109P02 S12508CR-5109P02	None None				
	15	LSXM1SFK08G1	Normal	0	S12508CR-5109P02 S12508CR-5109P02	None None				
	16	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None				
	17	LSXM1SFK08G1	Normal	0	S12508CR-5109P02 S12508CR-5109P02	None				
	18	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None				
	19	LSXM1SFK08G1	Normal	0	S12508CR 5109F02	None				
	20	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None				
		Dominor	WOIMGI		BIBOOCK GIOSIGE	Wolle				
	设名	整机功耗:								





## 检验结果

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						-
	ID State	InPower(W)	Current (A)	Voltage(V)	OutPower(W)	Type
1	Absent					
2	Absent					
3	Absent					
4	Absent					
5	Absent					
6	Absent					
7	Absent					
8	Absent					
9	Absent					
10	Absent					
11	Absent					
12	Absent					
13	Absent					
14	Absent					
15	Absent					
16	Absent					
17	Absent					
18	Absent					
19	Absent					
20	Normal	3000	40.25	53.85	2167.46	PSR3000B-54AHD
21	Normal	3000	38.25	54.03	2066.64	PSR3000B-54AHD
22	Normal	3000	38.00	53.95	2050.10	PSR3000B-54AHD
23	Absent					
24	Absent					

记录功耗A = 2167.46+2066.64+2050.10 = 6284.2W

加入一块400G业务板,业务板满插400G电缆,待业务板正常启动:

[H30	]display device				
	Type	State	Subslot	Soft Ver	Patch Ver
0	LSXM1CMU1	Master	0	S12508CR-5109P02	None
1	None	Absent	0	None	None
2	None	Absent	0	None	None
3	LSXM1SUPK1	Master	0	S12508CR-5109P02	None
4	None	Absent	0	None	None
5	None	Absent	0	None	None
6	LSXM1CDQ36KB	Normal	0	S12508CR-5109P02	None
7	None	Absent	0	None	None
8	LSXM1CDQ36KB	Normal	0	S12508CR-5109P02	None
9	None	Absent	0	None	None
10	None	Absent	0	None	None
11	None	Absent	0	None	None
12	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
13	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
14	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
15	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
16	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
17	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
18	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
19	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None
20	LSXM1SFK08G1	Normal	0	S12508CR-5109P02	None

设备整机功耗:





## 检验结果

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	PowerID		InPower(W)	Current (A)	Voltage(V)	OutPower(W)	Type
	1	Absent					
	2	Absent					
	3	Absent					
	4	Absent					
		Absent					
	6	Absent					
	7	Absent					
	8	Absent					
	9	Absent					
	10	Absent					
	11	Absent					
	12	Absent					
	13	Absent					
	14	Absent					
	15	Absent					
	16	Absent					
	17	Absent					
	18	Absent					
	19	Absent					
	20	Normal	3000	45.50	53.85	2450.17	PSR3000B-54AHD
	21	Normal	3000	43.75	54.03	2363.81	PSR3000B-54AHD
	22	Normal	3000	43.50	53.95	2346.82	PSR3000B-54AHD
	23	Absent					
	24	Absent					
	コネル	<b>鮮D</b> _ 244	50.17+2363.8	21 - 2246 92	_ 7160 9W		
	山水圳	= 24.	00.17+2303.0	51+2340.62	- /100.6W		
		uli 101 2	- > > 1 & & > > > > > > > > > > > > > > >				
	业务 极,	喘口数为	36, 计算端	口功耗:			
]	端口功?	铥 = (7	160.8W - 62	84 2W) / 3	6 = 24.35W		
	II4>1/1/		100.011 02	.0211773	5 21.55 11		
<u> </u>							

## 9 SRv6 互通测试

测试目的:	验证设备跟思博伦测试仪的 SRv6 互通功能		
测试配置及连接关系(图示):	DUT Tester		
测试步骤:	1、测试仪建立带10层标签的 SRv6流量,打入被测设备; 2、在流量出接口抓包,查看报文标签是否改变;		
预期结果:	被测设备会正确处理 SRv6 报文,将目的 IPv6 地址替换成第 9 层标签内的地址,并根据 IPv6 路由表中的目的出接口将报文转出;有预期结果 1:出接口的 SRv6 报文头部被设备正确改变,设备支持 SRv6		
测试结果:	符合预期,通过 测试仪建立带 10 层标签的 SRv6 流量:		

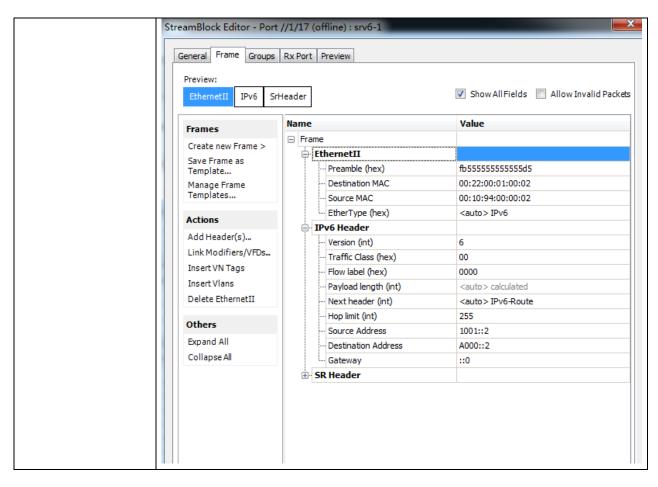




# 检验 结果

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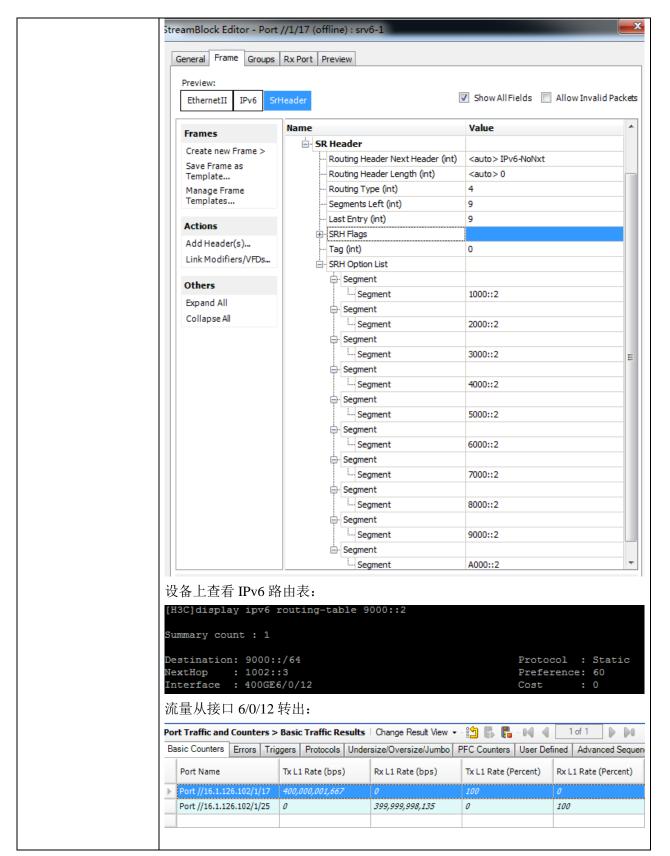




### 检验结果

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# 检验用仪表

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序号	仪表名称	型号	生产厂家	出厂编号
1	数据网络测试仪	SPT-CPB1	SPIRENT	7-2EA62F70





# 检验条件/环境及其它

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温度	22°C~24°C	
相对湿度	30%~40%	
电压	220V (交流)	
检验时间	2020.04.15-2020.04.17	





# 检验人员

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检测项目/模块		主 检	审核
1	二层流量测试	梁仲华	王海涛
2	满规格 MAC 流量测试	梁仲华	王海涛
3	三层流量测试	梁仲华	王海涛
4	满规格 IPv4 流量测试	梁仲华	王海涛
5	IPv6 流量测试	梁仲华	王海涛
6	满规格 IPv6 流量测试	梁仲华	王海涛
7	满规格 IPv4/IPv6 双栈 路由流量测试	梁仲华	王海涛
8	功耗测试	梁仲华	王海涛
9	SRv6 互通测试	梁仲华	王海涛

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