**HT\_VIF 测试数据**

测试说明：

VIF测试命令的5个参数分别代表Channel ID、Port ID、pixelformat、Width、Height

Channel ID:范围为0-15

Port ID:范围为0-1

pixelformat：0（YUV420测试）；1（YUV422测试）

单通道测试：

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test  CASE | Channel  ID | Port ID | pixelformat | Width | Height | input resolution | output resolution | Input/out file format |
| CASE1 | 0 | 0 | 0 | 640 | 480 | 640\*480 | 640\*480 | YUV420NV12 |
| CASE2 | 4 | 0 | 0 | 720 | 480 | 720\*480 | 720\*480 | YUV420NV12 |
| CASE3 | 8 | 0 | 0 | 1280 | 720 | 1280\*720 | 1280\*720 | YUV420NV12 |
| CASE4 | 12 | 0 | 0 | 1920 | 1088 | 1920\*1088 | 1920\*1088 | YUV420NV12 |
| 测试命令：  CASE1：echo vif 0 0 0 640 480 > /proc/hal/uttest  CASE2：echo vif 4 0 0 720 480 > /proc/hal/uttest  CASE3：echo vif 8 0 0 1280 720 > /proc/hal/uttest  CASE4：echo vif 12 0 0 1920 1080 > /proc/hal/uttest  修改filefomat支持YUV422YUYV将第三个参数改为1即可 | | | | | | | | |

双通道测试

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test  CASE | Channel  ID | Port ID | pixelformat | Width | Height | input resolution | output resolution | Input/out file format |
| CASE1 | 0 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 2 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| CASE2 | 0 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 0 | 1 | 0 | 960 | 540 | 1920\*1088 | 960\*540 | YUV420NV12 |
| 测试命令：  CASE1：echo vif 0 0 0 1920 1080 2 0 0 1920 1080 > /proc/hal/uttest  CASE2：echo vif 0 0 0 1920 1080 0 1 0 960 540 > /proc/hal/uttest  修改filefomat支持YUV422YUYV将每组第三个参数改为1即可。 | | | | | | | | |

四通道测试

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test  CASE | Channel  ID | Port ID | pixelformat | Width | Height | input resolution | output resolution | Input/out file format |
| CASE1 | 0 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 0 | 1 | 0 | 960 | 540 | 1920\*1080 | 960\*540 | YUV420NV12 |
| 2 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 2 | 1 | 0 | 960 | 540 | 1920\*1088 | 960\*540 | YUV420NV12 |
| CASE2 | 0 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 2 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 4 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 6 | 0 | 0 | 1920 | 1080 | 1920\*1088 | 1920\*1088 | YUV420NV12 |
| 测试命令：  CASE1：echo vif 0 0 0 1920 1080 0 1 0 960 540 2 0 0 1920 1080 2 1 0 960 540 > /proc/hal/uttest  CASE2：echo vif 0 0 0 1920 1080 2 0 0 1920 1080 4 0 0 1920 1080 6 0 0 1920 1080> /proc/hal/uttest  修改filefomat支持YUV422YUYV将每组第三个参数改为1即可。 | | | | | | | | |

八通道测试

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| Test  CASE | Channel  ID | Port ID | pixelformat | Width | Height | input resolution | output resolution | Input/out file format |
| CASE1 | 0 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 0 | 1 | 0 | 960 | 540 | 1920\*1080 | 960\*540 | YUV420NV12 |
| 4 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 4 | 1 | 0 | 960 | 540 | 1920\*1088 | 960\*540 | YUV420NV12 |
| 8 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 8 | 1 | 0 | 960 | 540 | 1920\*1080 | 960\*540 | YUV420NV12 |
| 12 | 0 | 0 | 1920 | 1080 | 1920\*1080 | 1920\*1080 | YUV420NV12 |
| 12 | 1 | 0 | 960 | 540 | 1920\*1088 | 960\*540 | YUV420NV12 |
| 测试命令：  CASE1：echo vif 0 0 0 1920 1080 0 1 0 960 540 4 0 0 1920 1080 4 1 0 960 540 8 0 0 1920 1080 8 1 0 960 540 12 0 0 1920 1080 12 1 0 960 540 > /proc/hal/uttest  修改filefomat支持YUV422YUYV将每组第三个参数改为1即可。 | | | | | | | | |