

Status:	CLOSED	Start date:	2023-07-24
Priority:	High	Due date:	
Assignee:	物联网测试组_TSCD 王维	% Done:	100%
Category:	AUDIO-FW	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	0722DB
Resolution:	FIXED	Degrated:	--
Severity:	Normal	Verified Version:	
Reproducibility:	Every time	Fixed Version:	
Test Type:	ST	Root cause:	腾讯视频调用了setmode为0，导致焦点被释放
Description			
【前提条件】 1.设备网络正常 2.已下微信、企业微信、QQ、腾讯视频 3.网络正常 【操作步骤】 1.进入腾讯视频播放在线视频 2.企业微信接听语音 3.再次进入腾讯视频 4.使用企业微信通话 5.切回企业微信通话界面 【实际结果】 2.通话正常 3.视频正常播放 4.副屏没有通话声音输出 5.副屏没有通话声音输出 【预期结果】 语音和视频声音输出均正常 【备注】			

当前分析

1.在企业微信通话过程中，腾讯视频调用setmode释放voice call焦点，导致通话无声。

```
## 企业微信开始通话
40999:07-24 16:23:25.702 1532 3484 D AudioService.PlaybackActivityMonitor: idcm_af:requestAudioFocusToIDCM:
event=2(PLAYER_STATE_STARTED)apc =AudioPlaybackConfiguration piid:1111 deviceId:0 type:android.media.AudioTrack u/pid:10099/13173 state:idle
attr:AudioAttributes: usage=USAGE_VOICE_COMMUNICATION content=CONTENT_TYPE_SPEECH flags=0x800 tags= bundle=null sessionId:977
41174:07-24 16:23:25.770 814 21889 D audio_hw_primary: adev_set_mode: mode 3 , prev_mode 0

## 腾讯视频调用了setmode导致voice call焦点被释放，进而导致，通话无声。
45828:07-24 16:23:29.790 1532 30702 I MediaFocusControl: requestAudioFocus() from uid/pid 10113/7963 AA=USAGE_MEDIA/CONTENT_TYPE_MUSIC
clientId=android.media.AudioManager@3341ab2com.tencent.qqlive.modules.vb.qmtpuginimpl.plugin.audiofocus.d@4fdca03
callingPack=com.tencent.qqlive req=2 flags=0x0 sdk=33
45838:07-24 16:23:29.801 1532 30702 V AS.AudioService: setMode(mode=0, pid=7963, uid=10113, caller=com.tencent.qqlive)
45839:07-24 16:23:29.801 1532 30702 D AudioIDCMicroNegotiator: idcm_af:AudioIDCMicroNegotiator getIDCMicroAudioFocus: AudioFocus_VoiceCall
45840:07-24 16:23:29.801 1532 30702 D AS.AudioService: idcm_af:abandonAudioFocus, call: com.tencent.qqlive
45850:07-24 16:23:29.802 1532 30702 D AudioIDCMicroNegotiator: idcm_af:abandonIDCMicroAudioFocus: AudioFocus_VoiceCall
45851:07-24 16:23:29.802 1532 30702 D AudioIDCMicroNegotiator: idcm_common:requestResult method = abandonAudioFocus parameters =
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall"}}
45852:07-24 16:23:29.802 1532 30702 I MicroServiceManager: requestResult(abandonAudioFocus) parameters
is{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall"}}.
45853:07-24 16:23:29.802 1532 30702 D AudioIDCMicroNegotiator: idcm_af:obtainAbandonFocusState
45854:07-24 16:23:29.802 1532 30702 W AudioIDCMicroNegotiator: idcm_warn: abandon of obtainAbandonFocusState
45855:07-24 16:23:29.802 1532 30702 D AudioIDCMicroNegotiator: idcm_af:obtainAbandonFocusState, return: 0
45856:07-24 16:23:29.802 7963 7963 I AudioManager: In setSpeakerphoneOn(), on: true, calling application: com.tencent.qqlive
45857:07-24 16:23:29.802 1532 6272 I AS.AudioService: In setSpeakerphoneOn(), on: true, eventSource: setSpeakerphoneOn(true) from u/pid:10113/7963
45858:07-24 16:23:29.802 1532 1859 D AudioIDCMicroNegotiator: idcm_af:AudioIDCMicroNegotiator getIDCMicroAudioFocus: AudioFocus_VoiceCall
45859:07-24 16:23:29.802 1532 1859 D AS.AudioService: idcm_af:abandonAudioFocus, request: com.tencent.qqlive
45863:07-24 16:23:29.803 1532 1859 D AudioIDCMicroNegotiator: idcm_af:abandonIDCMicroAudioFocus FocusState: 0
```

下一步

调查一下腾讯视频为什么会调用setmode接口。

#4 - 2023-07-26 13:52 - Multimedia组-RD3_TSCD 梁卿山
- Status changed from New to ASSIGNED

Hi ALL

当前现状：

根据当前问题，我们出了一个规避方案，不让腾讯视频调用setMode接口；

#5 - 2023-07-26 15:16 - IoT scm

Gerrit Merge Information：

ID	Project	Branch	Uploader
217727	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-dev	tangyj0127@thundersoft.com

MM: Audio: Fix TencentVideo setmode errorFix TencentVideo setmode errorTC-RID: 0301-0900116IssueID: TS-R-DF-119087Change-Id: I422604e774e0a64f3a9de898deae6620af81cb9

#6 - 2023-07-26 15:20 - Multimedia组-RD3_TSCD 梁卿山

- Status changed from ASSIGNED to RESOLVED
- Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to 物联网测试组_TSCD 王维
- Resolution changed from -- to FIXED
- Root cause set to 腾讯视频调用了setmode为0，导致焦点被释放

#7 - 2023-07-26 15:21 - Multimedia组-RD3_TSCD 梁卿山

Hi ALL

该问题的规避方案已经合入，请使用7月27号的DB进行验证；
该问题为偶现，请使用最新版腾讯视屏进行验证，谢谢！

#8 - 2023-07-27 10:42 - 物联网测试组_TSCD 王维

- Status changed from RESOLVED to VERIFY_FAILED
- Assignee changed from 物联网测试组_TSCD 王维 to Multimedia组-RD3_TSCD 梁卿山

#9 - 2023-07-27 11:04 - 物联网测试组_TSCD 王维

- File log.txt added

#10 - 2023-07-27 14:49 - Multimedia组-RD3_TSCD 梁卿山

- Status changed from VERIFY_FAILED to RESOLVED
- Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to 物联网测试组_TSCD 王维

Hi ALL

当前分析：
经过日志分析，发现是其他的patch导致了该问题验证失败，其他问题patch已经回退，请使用明天的DB进行验证，谢谢！

#11 - 2023-07-27 23:43 - IoT scm

Gerrit Merge Information：

ID	Project	Branch	Uploader
218219	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-release_sorp	wangxl0510@thundersoft.com
MM: Audio: Fix TencentVideo setmode errorFix TencentVideo setmode errorTC-RID: 0301-0900116IssueID: TS-R-DF-119087Change-Id: I422604e774e0a64f3a9de898deae6620af81cb9(cherry picked from commit 7529f6b11472f127886bfa1159a00813a1eac551)			

#12 - 2023-07-28 16:28 - CD TEST-方永红
- Status changed from RESOLVED to VERIFIED

【测试版本】0127
【测试详情】按描述测试5次
【测试结果】通过

#13 - 2023-07-28 16:29 - CD TEST-方永红
- Status changed from VERIFIED to CLOSED
- % Done changed from 0 to 100

Files				
jiaodian.txt	6.97 MB	2023-07-24	物联网测试组_TSCD 王维	
log.txt	10.7 MB	2023-07-27	物联网测试组_TSCD 王维	