

Figure - Bug #111625

测试 Test-IT # 110867 (New): V1.0测试功能汇总

测试 Test-IT # 110872 (New): BSP-BVT测试-WIFI测试

【BSP】【EVT】【WIFI】【必现】802.11AC模式下，wifi吞吐率指标异常

2022-09-01 15:13 - SZTS_TEST 邹涛

Status:	CLOSED	Start date:	2022-09-01
Priority:	High	Due date:	
Assignee:	CDTS_TEST 王成	% Done:	100%
Category:	LC	Estimated time:	0.00 hour
Target version:	VX1_MCE_FSE_V2.0_20220930	Found Version:	0.0.0.20220830_alpha_007
Need_Info:	--	Degrated:	--
Resolution:	FIXED	Verified Version:	
Severity:	Critical	Fixed Version:	
Reproducibility:	Every time	Root cause:	复测pass
Test Type:	Bring Up Test		
Description			
前置条件： 1、DUT各模块功能正常且处于开机状态 2、DUT和pc处于同一局域网 3、路由器lan口设置网段为10.0.0.xxx，wifi设置成802.11AC模式 4、DUT为单天线 操作步骤： 1、dut安装iperf应用 2、dut执行iperf3 -s -i 1 3、PC端执行iperf3 -c 10.0.0.106 -u -b 300M -t 30 -i 1 -P 8 4、PC端执行iperf3 -c 10.0.0.106 -u -b 1000M -t 30 -i 1 -P 8 实际结果： 1、查看pc端输出结果，两次测试吞吐率均为874 Mbits/sec左右 预期结果： 1、单根天线，5G模式下最大吞吐在400 Mbits/sec			

History

#1 - 2022-09-05 14:42 - CD LC-徐玺栋

- Status changed from New to ASSIGNED

#2 - 2022-09-05 20:31 - CD LC-徐玺栋

- Assignee changed from CD LC-徐玺栋 to SZTS_TEST 邹涛

■ My analysis

如果RF限制成功的话单天线11ax SISO 80MHz速率(MAX: 601 Mbps)，而现在跑出来速率都是800多，怀疑是有限制成功的。

■ Next action

需要测试先跟RF确认被测版本的是RF限制过的版本，然后抓取并提供如下日志：logcat, wlan_logs, tcpdump, sniffer, qxdm

#3 - 2022-09-14 11:34 - CD TPM-申艳艳

- Category set to LC

#4 - 2022-09-14 11:34 - CD TPM-申艳艳
- Status changed from ASSIGNED to NEED_INFO

#5 - 2022-09-23 14:53 - CD LC-徐玺栋

■ Current conclusion
根据测试给出的文件中有效的TCP测试5次,结果分别是: 315 Mbits/sec 287 Mbits/sec 272 Mbits/sec 271 Mbits/sec 299 Mbits/sec 平均289Mbps.
■ My analysis
Rx, Tx都是600Mbps, 如果这个配置是11ax 80M bandwidth, 是1*1速率;
■ Next action
对于测试速率的指标规格, 请说明客户标准, 而且需要对齐一下测试环境, 排除干扰和测试距离, 位置

#6 - 2022-09-27 10:01 - CDTS_TEST 王成
- Target version set to VXL_MCE_FSE_V2.0_20220930

#7 - 2022-09-28 18:36 - SZTS_TEST 邹涛

使用0924号DB版本测试, 吞吐率正常, 关闭该bug

#8 - 2022-09-29 15:02 - CDTS_TEST 王成
- Assignee changed from SZTS_TEST 邹涛 to CD LC-徐玺栋

#9 - 2022-09-29 15:08 - CD LC-徐玺栋
- Status changed from NEED_INFO to RESOLVED
- Assignee changed from CD LC-徐玺栋 to CDTS_TEST 王成
- Resolution changed from -- to FIXED
- Root cause set to 复测pass

复测pass

#10 - 2022-09-29 15:11 - CDTS_TEST 王成
- Status changed from RESOLVED to VERIFIED
- % Done changed from 0 to 100

#11 - 2022-09-29 15:11 - CDTS_TEST 王成
- Status changed from VERIFIED to CLOSED

Files			
ipref3.apk	786 KB	2022-09-01	SZTS_TEST 邹涛
Snipaste_2022-09-01_14-33-38.png	13.8 KB	2022-09-01	SZTS_TEST 邹涛
Snipaste_2022-09-01_14-34-09.png	13.9 KB	2022-09-01	SZTS_TEST 邹涛