

3.0基站产品测试 - 错误 #3932

3.1.3_Pre1T2版本1D3U子帧上行双天线异频xn切换目标基站重传超时

2025-08-20 09:39 - 孙浩

状态:	新建	开始日期:	2025-08-20
优先级:	低	计划完成日期:	
指派给:	周立伟	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:	DU	目标解决问题版本:	Rel_3.1.2
发现问题版本:	Rel_3.1.2		

描述

【问题描述】3.1.3_Pre1T2版本1D3U子帧上行双天线异频xn切换目标基站重传超时（HandoverRequest到RRC Reconfiguration Complete消息用时300多ms）；

242-1455.pcap																
文件(F) 编辑(E) 视图(V) 跟踪(G) 捕获(C) 分析(A) 统计(S) 电话(V) 无线(W) 工具(T) 帮助(H)																
flap ngap sdap nr-rrc xnap																
No.	Time	Source	Source port	Destination	Destination	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId	5G-TMSI	MSIN	fiveQI	SRE
1737	15:01:40.477614	192.168.62.10	38412	192.168.62.242	38412	NGAP		HandoverCommand			0					
1738	15:01:40.485229	192.168.62.242	38472	192.168.62.242	38473	FIAP/NR RRC		UEContextModificationRequest, RRC Reconfiguration MAC=0xc71c5834	0	0						
1739	15:01:40.488319	192.168.62.242	38473	192.168.62.242	38472	FIAP		UEContextModificationResponse	0	0						
1740	15:01:40.490800	192.168.62.242	38412	192.168.62.10	38412	NGAP		UplinkRANStatusTransfer			0					
1741	15:01:40.616572	192.168.62.10	38412	192.168.62.242	38412	NGAP		UEContextReleaseCommand			0					
1742	15:01:40.617517	192.168.62.242	38472	192.168.62.242	38473	FIAP		UEContextReleaseCommand	0	0						
1743	15:01:40.617666	192.168.62.242	38473	192.168.62.242	38472	FIAP		UEContextReleaseComplete	0	0						
1744	15:01:40.624619	192.168.62.242	38412	192.168.62.10	38412	NGAP		UEContextReleaseComplete			0					
2183	15:03:31.509123	192.168.62.241	38423	192.168.62.242	38422	XnAP		HandoverRequest, RRC Reconfiguration[Malformed Packet]					1,2,3			
2184	15:03:31.597740	192.168.62.242	38472	192.168.62.242	38473	FIAP		UEContextSetupRequest, RRC Reconfiguration		1			1,2,3			9,9
2185	15:03:31.599662	192.168.62.242	38473	192.168.62.242	38472	FIAP	17018	UEContextSetupResponse	1	1						
2186	15:03:31.607166	192.168.62.242	38422	192.168.62.241	38423	XnAP		HandoverRequestAcknowledge, RRC Reconfiguration								
2187	15:03:31.619329	192.168.62.241	38423	192.168.62.242	38422	XnAP		SMStatusTransfer								
2188	15:03:31.754118	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, RRC Reconfiguration Complete MAC=0x9134dd16	1	1						
2190	15:03:31.754688	192.168.62.242	38412	192.168.62.10	38412	NGAP		PathSwitchRequest			1					
2191	15:03:31.756654	192.168.62.10	38412	192.168.62.242	38412	NGAP		PathSwitchRequestAcknowledge			1					
2192	15:03:31.757701	192.168.62.242	38422	192.168.62.241	38423	XnAP		UEContextRelease								
2193	15:03:31.758676	192.168.62.242	38472	192.168.62.242	38473	FIAP		UEContextModificationRequest	1	1						
2194	15:03:31.759463	192.168.62.242	38473	192.168.62.242	38472	FIAP		UEContextModificationResponse	1	1						
2195	15:03:31.760226	192.168.62.242	38472	192.168.62.242	38473	FIAP/NR RRC		DLRRCHMessageTransfer, RRC Reconfiguration MAC=0x2ea79272	1	1			1,2,3			
2196	15:03:31.860067	192.168.62.10	38412	192.168.62.242	38412	NGAP		PathSwitchRequestAcknowledge			1					
2198	15:03:31.901486	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x8d8cea8c	1	1			2			
2201	15:03:32.049448	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, RRC Reconfiguration Complete MAC=0x4d6e31fe	1	1						
2206	15:03:32.848710	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x299a75db	1	1			2			
2210	15:03:33.874760	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x18eb0f4c	1	1			2			
2212	15:03:34.895436	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x772d9598	1	1			2			
2216	15:03:35.913723	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x3e9e3d86	1	1			2			
2219	15:03:36.945105	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x2dbb511e	1	1			2			
2234	15:03:37.954688	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x5865cf57	1	1			2			
2240	15:03:38.975381	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x9fff20023	1	1			2			
2244	15:03:39.987039	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0xf3e6d1fe	1	1			2			
2246	15:03:40.000000	192.168.62.242	38473	192.168.62.242	38473	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x4b42b2b4	1	1			2			

相关的问题:		
关联到 3.0基站产品测试 - 错误 #3914: 3.1.3_Pre1T2版本大上行子帧上行2天线异频xn切换后...	已解决	2025-08-15

历史记录

#1 - 2025-08-20 09:52 - 孙浩

- 关联到 错误#3914: 3.1.3_Pre1T2版本大上行子帧上行2天线异频xn切换后异常掉线 已添加

#2 - 2025-08-20 10:20 - 孙浩

- 文件 MCS固定为15时xn切换目标基站流程.jpg 已添加

- 文件 上行2天线xn切换流程异常日志-0819.part02.rar 已添加

- 文件 上行2天线xn切换流程异常日志-0819.part01.rar 已添加

将242目标基站MCS固定为15时，上行双天线异频xn切换目标基站还是出现重传超时现象；

242-1910.pcap															
文件(F) 编辑(E) 视图(V) 跳转(G) 捕获(C) 分析(A) 统计(S) 电话(V) 无线(W) 工具(T) 帮助(H)															
flap ngap sdap nr-rrc xnap															
No.	Time	Source	Source port	Destination	Destination	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId	5G-TMSI	MSIN	
1851	19:16:32.164986	192.168.62.241	38423	192.168.62.242	38422	XnAP		HandoverRequest, RRC Reconfiguration[Malformed Packet]					1,2,3		
1852	19:16:32.173132	192.168.62.242	38472	192.168.62.242	38473	FIAP		UEContextSetupRequest, RRC Reconfiguration					1,2,3		
1853	19:16:32.179031	192.168.62.242	38473	192.168.62.242	38472	FIAP	17032	UEContextSetupResponse	4	4					
1854	19:16:32.185450	192.168.62.242	38422	192.168.62.241	38423	XnAP		HandoverRequestAcknowledge, RRC Reconfiguration							
1855	19:16:32.197876	192.168.62.241	38423	192.168.62.242	38422	XnAP		SMStatusTransfer							
1856	19:16:32.280809	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, RRC Reconfiguration Complete MAC=0x9854b733	4	4					
1858	19:16:32.281403	192.168.62.242	38412	192.168.62.10	38412	NGAP		PathSwitchRequest			4				
1859	19:16:32.283830	192.168.62.10	38412	192.168.62.242	38412	NGAP		PathSwitchRequestAcknowledge			4				
1860	19:16:32.284669	192.168.62.242	38422	192.168.62.241	38423	XnAP		UEContextRelease							
1861	19:16:32.285438	192.168.62.242	38472	192.168.62.242	38473	FIAP		UEContextModificationRequest	4	4					
1862	19:16:32.286201	192.168.62.242	38473	192.168.62.242	38472	FIAP		UEContextModificationResponse	4	4					
1863	19:16:32.286808	192.168.62.242	38472	192.168.62.242	38473	FIAP/NR RRC		DLRRCHMessageTransfer, RRC Reconfiguration MAC=0x5cb6887c	4	4			1,2,3		
1864	19:16:32.362663	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0xb372af1a	4	4			2		
1865	19:16:32.386687	192.168.62.10	38412	192.168.62.242	38412	NGAP		PathSwitchRequestAcknowledge			4				
1869	19:16:32.571362	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, RRC Reconfiguration Complete MAC=0x990971f0	4	4					
1875	19:16:33.362466	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x424f9fc7	4	4			2		
1879	19:16:34.391371	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x4b921b4a	4	4			2		
1883	19:16:35.421391	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0xe6c9bf8c	4	4			2		
1889	19:16:36.423239	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x5b29c881	4	4			2		
1893	19:16:37.442402	192.168.62.242	38473	192.168.62.242	38472	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0x250b77b4	4	4			2		
1907	19:16:38.467478	192.168.62.242	38473	192.168.62.242	38473	FIAP/NR RRC		ULRRCHMessageTransfer, Measurement Report MAC=0xb4105d51	4	4			2		

文件

目标基站切换流程.jpg	654 KB	2025-08-20	孙浩
上行2天线异频xn切换流程异常日志-0818.part02.rar	69.3 MB	2025-08-20	孙浩
上行2天线异频xn切换流程异常日志-0818.part01.rar	100 MB	2025-08-20	孙浩
MCS固定为15时xn切换目标基站流程.jpg	471 KB	2025-08-20	孙浩
上行2天线xn切换流程异常日志-0819.part02.rar	39.7 MB	2025-08-20	孙浩
上行2天线xn切换流程异常日志-0819.part01.rar	100 MB	2025-08-20	孙浩