

LFR-FSW - Bug #176

EM : 2 reponses suite à Envoi TC_LFR_LOAD_*_PARAM ds le mode courant (BURST, SBM1,SBM2)

20/06/2014 09:33 AM - Veronique bouzid

Status:	Closed	Start date:	20/06/2014
Priority:	High	Due date:	
Assignee:	paul leroy	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
revision:	r0		
Description			
On est en BURST MODE 14:21:27.294332, TM_LFR_HK, HK_LFR_MODE: BURST = 2,			
On envoi une TC_LFR_LOAD_BURST_PAR (parametres = parametres par défaut) 14:21:27.315331, TC_LFR_LOAD_BURST_PAR , CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TC_PACKET = 1, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0x1ccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=11378, (PACKET_SEQUENCE_CONTROL=0xec72), PACKET_LENGTH=7, CCSDS_SECONDARY_HEADER_FLAG=0, PUS_VERSION = 1, ACK_EXECUTION_COMPLETION=0, ACK_EXECUTION_PROGRESS=0, ACK_EXECUTION_START=0, ACK_ACCEPTANCE=0, SERVICE_TYPE: EQ_CONFIGURATION = 181, SERVICE_SUBTYPE: LOAD_BURST_PARAMETERS_1 = 19, SOURCE_ID: MISSION_TIMELINE = 110, SY_LFR_B_BP_P0 = 1(s), SY_LFR_B_BP_P1 = 5(s), CRC = 0xd3ae			
--> 2 réponses à cette TC: - la première est correcte, on ne peut executer un TC_LFR_LOAD_*_PARAM d'un mode courant - la seconde qui n'a pas lieu d'arriver			
14:21:27.394354, TM_LFR_TC_EXE_NOT_EXECUTABLE , CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=96, (PACKET_SEQUENCE_CONTROL=0xc060), PACKET_LENGTH=19, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_FAILURE = 8, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x80000019384c , PA_RPW_TC_FAILURE_CODE: TC_NOT_EXE = 42000, PA_RPW_TELECOMMAND_PKT_ID=0x1ccc , PA_RPW_PKT_SEQ_CONTROL=0xec72 , PA_RPW_TC_SERVICE=181, PA_RPW_TC_SUBTYPE=19, HK_LFR_MODE: BURST = 2, HK_LFR_DPU_SPW_ENABLED: ENABLED = 1, HK_LFR_DPU_SPW_LINK_STATE: RUN = 5, SPARE=0, SY_LFR_WATCHDOG_ENABLED: DISABLED = 0, HK_LFR_CALIB_ENABLED: DISABLED = 0, HK_LFR_RESET_CAUSE: UNKNOWN_CAUSE = 0			
14:21:27.394686, TM_LFR_TC_EXE_SUCCESS , CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=97, (PACKET_SEQUENCE_CONTROL=0xc061), PACKET_LENGTH=13, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_SUCCESS = 7, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x80000019385f , PA_RPW_TELECOMMAND_PKT_ID=0x1ccc , PA_RPW_PKT_SEQ_CONTROL=0xec72			
Ce cas est vu également en mode SBM1			
14:21:30.597768, TC_LFR_LOAD_SBM1_PAR , CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TC_PACKET = 1, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0x1ccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=10640, (PACKET_SEQUENCE_CONTROL=0xe990), PACKET_LENGTH=7, CCSDS_SECONDARY_HEADER_FLAG=0, PUS_VERSION = 1, ACK_EXECUTION_COMPLETION=0, ACK_EXECUTION_PROGRESS=0, ACK_EXECUTION_START=0, ACK_ACCEPTANCE=0, SERVICE_TYPE: EQ_CONFIGURATION = 181, SERVICE_SUBTYPE: LOAD_SBM1_PARAMETERS = 25, SOURCE_ID: MISSION_TIMELINE = 110, SY_LFR_S1_BP_P0 = 0.25(s), SY_LFR_S1_BP_P1 = 1(s), CRC = 0xb801			
14:21:30.694349, TM_LFR_TC_EXE_NOT_EXECUTABLE , CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=109, (PACKET_SEQUENCE_CONTROL=0xc06d), PACKET_LENGTH=19, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0,			

SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_FAILURE = 8, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x8000001c85dc, PA_RPW_TC_FAILURE_CODE: TC_NOT_EXE = 42000, PA_RPW_TELECOMMAND_PKT_ID=0x1ccc, PA_RPW_PKT_SEQ_CONTROL=0xe990, PA_RPW_TC_SERVICE=181, PA_RPW_TC_SUBTYPE=25, HK_LFR_MODE: SBM1 = 3, HK_LFR_DPU_SPW_ENABLED: ENABLED = 1, HK_LFR_DPU_SPW_LINK_STATE: RUN = 5, SPARE=0, SY_LFR_WATCHDOG_ENABLED: DISABLED = 0, HK_LFR_CALIB_ENABLED: DISABLED = 0, HK_LFR_RESET_CAUSE: UNKNOWN_CAUSE = 0

14:21:30.694638, TM_LFR_TC_EXE_SUCCESS, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=110, (PACKET_SEQUENCE_CONTROL=0xc06e), PACKET_LENGTH=13, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_SUCCESS = 7, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x8000001c85ed, PA_RPW_TELECOMMAND_PKT_ID=0x1ccc, PA_RPW_PKT_SEQ_CONTROL=0xe990

et en SBM2

14:21:33.898319, TC_LFR_LOAD_SBM2_PAR, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TC_PACKET = 1, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0x1ccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=10523, (PACKET_SEQUENCE_CONTROL=0xe91b), PACKET_LENGTH=7, CCSDS_SECONDARY_HEADER_FLAG=0, PUS_VERSION = 1, ACK_EXECUTION_COMPLETION=0, ACK_EXECUTION_PROGRESS=0, ACK_EXECUTION_START=0, ACK_ACCEPTANCE=0, SERVICE_TYPE: EQ_CONFIGURATION = 181, SERVICE_SUBTYPE: LOAD_SBM2_PARAMETERS = 27, SOURCE_ID: MISSION_TIMELINE = 110, SY_LFR_S2_BP_P0 = 1, SY_LFR_S2_BP_P1 = 5, CRC = 0xae4

14:21:33.99446, TM_LFR_TC_EXE_NOT_EXECUTABLE, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=122, (PACKET_SEQUENCE_CONTROL=0xc07a), PACKET_LENGTH=19, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_FAILURE = 8, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x8000001fd3ac, PA_RPW_TC_FAILURE_CODE: TC_NOT_EXE = 42000, PA_RPW_TELECOMMAND_PKT_ID=0x1ccc, PA_RPW_PKT_SEQ_CONTROL=0xe91b, PA_RPW_TC_SERVICE=181, PA_RPW_TC_SUBTYPE=27, HK_LFR_MODE: SBM2 = 4, HK_LFR_DPU_SPW_ENABLED: ENABLED = 1, HK_LFR_DPU_SPW_LINK_STATE: RUN = 5, SPARE=0, SY_LFR_WATCHDOG_ENABLED: DISABLED = 0, HK_LFR_CALIB_ENABLED: DISABLED = 0, HK_LFR_RESET_CAUSE: UNKNOWN_CAUSE = 0

14:21:33.994742, TM_LFR_TC_EXE_SUCCESS, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: ACKNOWLEDGE = 1, (PACKET_ID=0xcc1), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=123, (PACKET_SEQUENCE_CONTROL=0xc07b), PACKET_LENGTH=13, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: TELECOMMAND_VERIFICATION = 1, SERVICE_SUBTYPE: TC_EXECUTION_COMPLETION_SUCCESS = 7, DESTINATION_ID: MISSION_TIMELINE = 110, TIME=0x8000001fd3be, PA_RPW_TELECOMMAND_PKT_ID=0x1ccc, PA_RPW_PKT_SEQ_CONTROL=0xe91b

Contexte:

SocExplorerEngine.getSocExplorer: Version = 0.2.2, Branch = default, Changeset = c839740ef520

Carte EM

Vhdl: EM_1.1.23

Brique Star-Dundee S/N <illisible>.

Soft:1.0.0.11 (variante sur carte finale)

TEST CASE = SVS-0007

History

#1 - 20/06/2014 03:36 PM - paul leroy

- Assignee changed from paul leroy to Veronique bouzid

fsw >= 1.0.0.12

Bug identifié et corrigé. Vérification effectuée en manuel avec SocExplorer.

#2 - 23/06/2014 02:05 PM - Veronique bouzid

- Status changed from New to Closed

- Assignee changed from Veronique bouzid to paul leroy

test rejoué en 1.0;0.12

Tout est ok.

Ici la trace pour le BURST

13:09:13.406037, TC_LFR_ENTER_MODE (CP_LFR_MODE=2)

13:09:15.093309, TC_LFR_LOAD_BURST_PAR

13:09:15.189225, TM_LFR_TC_EXE_NOT_EXECUTABLE

13:09:15.294114, TC_LFR_LOAD_SBM1_PAR

13:09:15.389271, TM_LFR_TC_EXE_SUCCESS

Ici la trace pour SBM1

13:09:16.498187, TC_LFR_ENTER_MODE (CP_LFR_MODE=3)

13:09:18.411577, TC_LFR_LOAD_SBM1_PAR

13:09:18.489248, TM_LFR_TC_EXE_NOT_EXECUTABLE

13:09:18.618335, TC_LFR_LOAD_SBM2_PAR

Ici la trace pour SBM2

13:09:19.624522, TC_LFR_ENTER_MODE (CP_LFR_MODE=4)

13:09:21.693981, TC_LFR_LOAD_SBM2_PAR

13:09:21.795661, TM_LFR_HK

13:09:21.800988, TM_LFR_TC_EXE_NOT_EXECUTABLE