

LFR-FSW - Bug #407

R3 *** TM_LFR_SCIENCE_NORMAL_BP2_Fi : octet 18 not equal to 0x0

06/05/2015 08:53 AM - Veronique bouzid

Status:	Closed	Start date:	06/05/2015
Priority:	Normal	Due date:	
Assignee:	Veronique bouzid	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
revision:	r0		
Description			
<p>Le script utilisé se trouve dans /home/validation/SCRIPT/R3/just_normal_mode.py Les TM_LFR_SCIENCE_NORMAL_BP2_F0, TM_LFR_SCIENCE_NORMAL_BP2_F1, TM_LFR_SCIENCE_NORMAL_BP2_F2 sont concernés par cette anomalie l'octet 18 des paquet n'est pas initialisé à 0.</p> <p>15:18:49.615096, * 32 , TM_LFR_SCIENCE_NORMAL_BP2_F0, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=13, (PACKET_SEQUENCE_CONTROL=0xc00d), PACKET_LENGTH=351, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID: GROUND = 0, TIME=0x8000001684b1, PA_LFR_SID_PKT: SC_N_BP2_F0 = 19, PA_BIA_MODE_MUX_SET: SET_0 = 0, PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, *SPARE=0x39c, SY_LFR_BW=1, SY_LFR_SP0=0, SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x8000001684b1, PA_LFR_N_BP2_BLK_NR_F0=11</p> <p>et</p> <p>15:18:49.618751, * 32 , TM_LFR_SCIENCE_NORMAL_BP2_F1, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=15, (PACKET_SEQUENCE_CONTROL=0xc00f), PACKET_LENGTH=411, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID: GROUND = 0, TIME=0x8000001684b1, PA_LFR_SID_PKT: SC_N_BP2_F1 = 20, PA_BIA_MODE_MUX_SET: SET_0 = 0, PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, *SPARE=0x3f0, SY_LFR_BW=1, SY_LFR_SP0=0, SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x8000001684b1, PA_LFR_N_BP2_BLK_NR_F1=13</p> <p>15:18:49.633721, * 32 , TM_LFR_SCIENCE_NORMAL_BP2_F2, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0, DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY: PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3, SEQUENCE_CNT=17, (PACKET_SEQUENCE_CONTROL=0xc011), PACKET_LENGTH=381, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0, SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID: GROUND = 0, TIME=0x8000001685a6, PA_LFR_SID_PKT: SC_N_BP2_F2 = 21, PA_BIA_MODE_MUX_SET: SET_0 = 0, PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, *SPARE=0x5c, SY_LFR_BW=1, SY_LFR_SP0=0, SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x8000001685a6, PA_LFR_N_BP2_BLK_NR_F2=12</p> <p>Contexte de test ----- FSW 3.0.0.0 VHDL 0..1.68 Mini-lfr II SocExplorer 0.6.0 StarDundee spacewire</p>			

History

#1 - 18/05/2015 10:45 AM - paul leroy

- Status changed from New to Resolved
- Assignee changed from paul leroy to Veronique bouzid

corrected in version >= 3.0.0.1

#2 - 05/06/2015 04:12 PM - Veronique bouzid

- Status changed from Resolved to Closed

Le bug est corrigé.

Le script /home/validation/SCRIPT/R3/just_normal_mode.py a été rejoué dans le dernier environnement de test.

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15:01:39.939422, TM_LFR_SCIENCE_NORMAL_BP2_F0, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0,
DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY:
PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3,
SEQUENCE_CNT=49, (PACKET_SEQUENCE_CONTROL=0xc031), PACKET_LENGTH=351, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0,
SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID:
GROUND = 0, TIME=0x80000012dc0a, PA_LFR_SID_PKT: SC_N_BP2_F0 = 19, PA_BIA_MODE_MUX_SET: SET_0 = 0,
PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED:
DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, SPARE=0x0, SY_LFR_BW=1, SY_LFR_SP0=0,
SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x80000012dc0a,
PA_LFR_N_BP2_BLK_NR_F0=11
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et

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15:05:19.983027, TM_LFR_SCIENCE_NORMAL_BP2_F1, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0,
DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY:
PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3,
SEQUENCE_CNT=748, (PACKET_SEQUENCE_CONTROL=0xc2ec), PACKET_LENGTH=411, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0,
SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID:
GROUND = 0, TIME=0x800000eedbc0, PA_LFR_SID_PKT: SC_N_BP2_F1 = 20, PA_BIA_MODE_MUX_SET: SET_0 = 0,
PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED:
DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, SPARE=0x0, SY_LFR_BW=1, SY_LFR_SP0=0,
SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x800000eedbc0,
PA_LFR_N_BP2_BLK_NR_F1=13
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et

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15:05:20.018742, TM_LFR_SCIENCE_NORMAL_BP2_F2, CCSDS_VERSION_NUMBER = 0, PACKET_TYPE: TM_PACKET = 0,
DATA_FIELD_HEADER_FLAG: WITH_HEADER = 1, PROCESS_ID: RPW_PID_2 = 76, PACKET_CATEGORY:
PRIVATE_SCIENCE_OR_TELECOMMAND = 12, (PACKET_ID=0xccc), SEGMENTATION_GROUPING_FLAG: STANDALONE_PACKET = 3,
SEQUENCE_CNT=753, (PACKET_SEQUENCE_CONTROL=0xc2f1), PACKET_LENGTH=381, SPARE_1=0, PUS_VERSION = 1, SPARE_2=0,
SERVICE_TYPE: SCIENCE_DATA_TRANSFER = 21, SERVICE_SUBTYPE: SCIENCE_REPORT_FIXED_LENGTH = 3, DESTINATION_ID:
GROUND = 0, TIME=0x800000eedca5, PA_LFR_SID_PKT: SC_N_BP2_F2 = 21, PA_BIA_MODE_MUX_SET: SET_0 = 0,
PA_BIA_MODE_HV_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS1_ENABLED: DISABLED = 0, PA_BIA_MODE_BIAS2_ENABLED:
DISABLED = 0, PA_BIA_MODE_BIAS3_ENABLED: DISABLED = 0, PA_BIA_ON_OFF: OFF = 0, SPARE=0x0, SY_LFR_BW=1, SY_LFR_SP0=0,
SY_LFR_SP1=0, SY_LFR_R0=0, SY_LFR_R1=0, SY_LFR_R2=0, PA_LFR_ACQUISITION_TIME=0x800000eedca5,
PA_LFR_N_BP2_BLK_NR_F2=12
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les fichiers de log (2015_06_05-15_13_50-*) sont rangés dans le répertoire /home/validation/data/R3

Contexte de test

FSW 3.0.0.3

VHDL 1.1.83

EM1 sans timegen

SocExplorerEngine.getSocExplorer: Version = 0.6.2, Branch = default, Changeset = 819d0376d481

StarDundee spacewire