

LFR-FSW - Bug #409

R3 * TM_LFR_SCIENCE_BURST_BP1_Fi and TM_LFR_SCIENCE_BURST_BP2_Fi: octet 18 not equal to 0x0**

06/05/2015 02:31 PM - 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

Le script utilisé se trouve dans /home/validation/SCRIPT/R3/just_burst_mode.py

- TM_LFR_SCIENCE_BURST_BP1_F0 and TM_LFR_SCIENCE_BURST_BP1_F1

14:07:17.49193, * 32 , TM_LFR_SCIENCE_BURST_BP1_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=0, (PACKET_SEQUENCE_CONTROL=0xc000), PACKET_LENGTH=263, 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=0x80000006b9b5, PA_LFR_SID_PKT: SC_B_BP1_F0 = 17, 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=0x1c0, 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=0x80000006b9b5, PA_LFR_B_BP1_BLK_NR_F0=22

14:07:17.504205, * 32 , TM_LFR_SCIENCE_BURST_BP1_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=1, (PACKET_SEQUENCE_CONTROL=0xc001), PACKET_LENGTH=307, 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=0x80000006b9bf, PA_LFR_SID_PKT: SC_B_BP1_F1 = 18, 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=0x2b8, 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=0x80000006b9bf, PA_LFR_B_BP1_BLK_NR_F1=26

- TM_LFR_SCIENCE_BURST_BP2_F0 and TM_LFR_SCIENCE_BURST_BP2_F1

14:07:21.511758, * 32 , TM_LFR_SCIENCE_BURST_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=9, (PACKET_SEQUENCE_CONTROL=0xc009), PACKET_LENGTH=681, 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=0x8000000ab9b5, PA_LFR_SID_PKT: SC_B_BP2_F0 = 22, 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=0xc0, 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=0x8000000ab9b5, PA_LFR_B_BP2_BLK_NR_F0=22

14:07:21.516164, * 32 *, TM_LFR_SCIENCE_BURST_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=11, (PACKET_SEQUENCE_CONTROL=0xc00b), PACKET_LENGTH=801, 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=0x8000000ab9bf, PA_LFR_SID_PKT: SC_B_BP2_F1 = 23, 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=0x328, 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=0x8000000ab9bf, PA_LFR_B_BP2_BLK_NR_F1=26

Contexte de test

FSW 3.0.0.0
VHDL 0..1.68
Mini-lfr II
SocExplorer 0.6.0
StarDundee spacewire

History

#1 - 06/05/2015 04:02 PM - Veronique bouzid

le test est rangé dans le répertoire /home/validation/data/R3/JUST-BURST.
Le fichier est 2015_05_06-14_13_17-Detail.txt

#2 - 18/05/2015 10:44 AM - paul leroy

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

corrected in version >= 3.0.0.1

#3 - 05/06/2015 04:54 PM - Veronique bouzid

- Status changed from Resolved to Closed

Le bug est corrigé.

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

15:21:50.185142, **TM_LFR_SCIENCE_BURST_BP1_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=0, (PACKET_SEQUENCE_CONTROL=0xc000), PACKET_LENGTH=263, 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=0x8000000b57b6, PA_LFR_SID_PKT: SC_B_BP1_F0 = 17, 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=0x8000000b57b6, PA_LFR_B_BP1_BLK_NR_F0=22

et

15:21:50.197741, **TM_LFR_SCIENCE_BURST_BP1_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=1, (PACKET_SEQUENCE_CONTROL=0xc001), PACKET_LENGTH=307, 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=0x8000000b57b6, PA_LFR_SID_PKT: SC_B_BP1_F1 = 18, 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=0x8000000b57b6, PA_LFR_B_BP1_BLK_NR_F1=26

et

15:21:54.207234, **TM_LFR_SCIENCE_BURST_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=9, (PACKET_SEQUENCE_CONTROL=0xc009), PACKET_LENGTH=681, 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=0x8000000f57b5, PA_LFR_SID_PKT: SC_B_BP2_F0 = 22, 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=0x8000000f57b5, PA_LFR_B_BP2_BLK_NR_F0=22

et

15:21:54.214413, **TM_LFR_SCIENCE_BURST_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=11, (PACKET_SEQUENCE_CONTROL=0xc00b), PACKET_LENGTH=801, 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=0x8000000f57ba, PA_LFR_SID_PKT: SC_B_BP2_F1 = 23, 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=0x8000000f57ba,
PA_LFR_B_BP2_BLK_NR_F1=26

les fichiers de log (-2015_06_05-15_27_49*) 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