

Test Report

Created by:msbhuvan 2024-01-29 18:40:10

Board: 10.123.100.143

Report printed in folder: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work

Report name: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work/JESD204C_2Lane_1250Mbps_Tx_Rx-msbhuvan-2024-01-29_time_18-40-10.html and .pdf

Test Case Name:JESD204C_2Lane_1250Mbps_Tx_Rx

Test Case Description:Example Test Case: JESD204C Rx 1250Mbps 2 Lane, Tx Master mode, Rx trigger to EMB_START

Test Case started:2024/01/29 18:34:30

Created by:msbhuvan 2024-01-29 18:40:10

Report printed in folder: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work

Report name: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work/JESD204C_2Lane_1250Mbps_Tx_Rx-msbhuvan-2024-01-29_time_18-40-10.html and .pdf

Hit Name	Status	Description	File	Modified	Cumulative Run Time (sec)	Number
JESD204C_Test_Case_Settings	Done	0 JESD204C_Test_Case_Settings	sarokal/reference_testhits/jesd204c/jesd204c_testcase_settings.hxx	Mon Mar 16 16:53:31 2020	13.93	0
JESD204C_Program_Device	Done	1 JESD204C_Program_Device	sarokal/reference_testhits/jesd204c/jesd204c_program.hxx	Mon Mar 16 16:53:31 2020	28.48	1
COMMON_Ext_Ref_Clock_Usage	Done	2 COMMON_Ext_Ref_Clock_Usage	sarokal/reference_testhits/common/common.hxx	Mon Mar 16 16:53:31 2020	28.48	2
JESD204C_TX_Copy_Input_Files	Done	3 JESD204C_TX_Copy_Input_Files	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	150.7	3
JESD204C_TX_Initialize_and_Mode_Definition	Done	4 JESD204C_TX_Initialize_and_Mode_Definition	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	150.8	4
JESD204C_RX_Initialize_and_Trigger_Definition	Done	5 JESD204C_RX_Initialize_and_Trigger_Definition	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	150.9	5
JESD204C_RX_Reserve_Capture_Segment	Done	6 JESD204C_RX_Reserve_Capture_Segment	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	150.9	6
JESD204C_TX_Generate_Stimulus	Done	7 JESD204C_TX_Generate_Stimulus	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	154.2	7
JESD204C_TX_Start	Done	8 JESD204C_TX_Start	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	154.9	8
JESD204C_RX_Check_Receiver_Sync	Done	9 JESD204C_RX_Check_Receiver_Sync	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	154.9	9
JESD204C_RX_Start	Done	10 JESD204C_RX_Start	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	158.3	10
JESD204C_RX_Wait_For_Trigger_and_Capture	Done	11 JESD204C_RX_Wait_For_Trigger_and_Capture	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	158.3	11
JESD204C_RX_Analyze_Capture	Done	12 JESD204C_RX_Analyze_Capture	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	159.6	12
				Mon Mar		

JESD204C_RX_Stop	Done	13 JESD204C_RX_Stop	saroka/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	16 16:53:31 2020	159.6	13
JESD204C_TX_Stop	Done	14 JESD204C_TX_Stop	saroka/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	159.6	14
JESD204C_RX_Print_Results_Vector	Done	15 JESD204C_RX_Print_Results_Vector	saroka/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	159.6	15
JESD204C_RX_Copy_Output_Files	Done	16 JESD204C_RX_Copy_Output_Files	saroka/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	307.9	16

Log:

Compile OK

Copy Ready

Copy DONE

Test JESD204C_2Lane_1250Mbps_Tx_Rx started: 2024/01/29 18:34:28

cd /root/XStep/work;chmod +x JESD204C_2Lane_1250Mbps_Tx_Rx;LD_LIBRARY_PATH=/root/XStep/lib ./JESD204C_2Lane_1250Mbps_Tx_Rx

#x.info 00:00:00:027 Using XSTEP DNRT4:1512008, CPU1512023, EFU1512012 , rev:.

#x.info 00:00:00:102 MAC address 70:B3:D5:FA:20:6E

#log.info 00:00:00:193 Looking for xstep-runtime license..

#log.info 00:00:00:450 License xstep-runtime checked out

Reset variables in VariableForm

Test JESD204C_2Lane_1250Mbps_Tx_Rx started: 2024/01/29 18:34:30

#testcase.run 00:00:00:798 Start test case JESD204C_2Lane_1250Mbps_Tx_Rx

#testcase.info 00:00:00:798 XStepApi version: 2020.01.0.3

#testcase.info 00:00:00:808 Import XStepApi.ini settings

#testcase.info 00:00:00:808 Import JESD204C_2Lane_1250Mbps_Tx_Rx.ini settings

#testcase.info 00:00:00:808 No arguments

#testcase.run 00:00:00:809 Start test hit 0 JESD204C_Test_Case_Settings

#log.info 00:00:00:813 JESD204C selected as the working directory for this test case.

#apix.settings.workdir JESD204C

#client.copyC2X 00:00:00:818 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#client.copy.end ready

#log.info 00:00:07:147 Copy done

#client.copyC2X 00:00:07:178 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#client.copy.end ready

#log.info 00:00:13:900 Copy done

#testcase.run 00:00:13:927 Done test hit 0 JESD204C_Test_Case_Settings

#testcase.run 00:00:13:927 Start test hit 1 JESD204C_Program_Device

#apix.jesd204c.program 1G25 2

#jesd204c.info 00:00:13:928 Jesd204c program using 1G25 bitrate

#jesd204c.info 00:00:13:928 Jesd204c program 2 lane(s) configured

#program.info 00:00:13:930 Unload xilinx_emaclite kernel module

#console.info 00:00:13:933

#console.info 00:00:13:937

#clock.info 00:00:13:937 Starting to set frequency 156250000

#program.info 00:00:13:975 FPGA is empty

#program.info 00:00:15:238 CPU md5Hash = 87f65c6ed5b22e2631779274ca34a92b

#program.info 00:00:15:238 CPU Ver=C04F1015

#program.info 00:00:15:637 Programming ../bin/CPU.bit

#program.info 00:00:15:645 CPU Board programmed

#program.info 00:00:16:849 IFU md5Hash = 95a7e83456f6cac59fd85c8aac2e9f0e

#program.info 00:00:16:850 IFU Ver=E0030015

#program.info 00:00:16:850 Programming ../bin/EFU_64B66B.bit

#program.info 00:00:16:863 Programming interface card...

#program.info 00:00:28:416 Number of active links set to 1

#program.info 00:00:28:417 Number of active lanes set to 4

#program.info 00:00:28:476 Memory if - OK

#program.info 00:00:28:477 Register if - OK

#testcase.run 00:00:28:478 Done test hit 1 JESD204C_Program_Device

#testcase.run 00:00:28:478 Start test hit 2 COMMON_Ext_Ref_Clock_Usage

#log.info 00:00:28:479 External reference clock usage not selected (useExtRefClock=0)

#testcase.run 00:00:28:480 Done test hit 2 COMMON_Ext_Ref_Clock_Usage

#testcase.run 00:00:28:480 Start test hit 3 JESD204C_TX_Copy_Input_Files

#apix.jesd204c.tx.copyInputFiles jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#log.info 00:00:28:761 License jesd204c-actor checked out

#client.copyC2X 00:00:28:762 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#client.copy.end ready

#log.info 00:00:35:471 Copy done

#client.copyC2X 00:00:35:498 JESD204C/payload0.txt to: JESD204C/payload0.txt

#client.copy.end ready

#log.info 00:00:42:230 Copy done

#client.copyC2X 00:00:42:231 JESD204C/payload1.txt to: JESD204C/payload1.txt

#client.copy.end ready

#log.info 00:00:48:898 Copy done

#client.copyC2X 00:00:48:899 JESD204C/payload2.txt to: JESD204C/payload2.txt

#client.copy.end ready

#log.info 00:00:55:255 Copy done

#client.copyC2X 00:00:55:256 JESD204C/payload3.txt to: JESD204C/payload3.txt

#client.copy.end ready

#log.info 00:01:02:100 Copy done

#client.copyC2X 00:01:02:101 JESD204C/payload4.txt to: JESD204C/payload4.txt

#client.copy.end ready

#log.info 00:01:08:952 Copy done

#client.copyC2X 00:01:08:953 JESD204C/payload5.txt to: JESD204C/payload5.txt

#client.copy.end ready

#log.info 00:01:15:228 Copy done

#client.copyC2X 00:01:15:229 JESD204C/payload6.txt to: JESD204C/payload6.txt

#client.copy.end ready

#log.info 00:01:22:046 Copy done

#client.copyC2X 00:01:22:047 JESD204C/payload7.txt to: JESD204C/payload7.txt

#client.copy.end ready

#log.info 00:01:28:889 Copy done

#client.copyC2X 00:01:28:890 JESD204C/payload8.txt to: JESD204C/payload8.txt

#client.copy.end ready

#log.info 00:01:35:230 Copy done

#client.copyC2X 00:01:35:231 JESD204C/payload9.txt to: JESD204C/payload9.txt

#client.copy.end ready

#log.info 00:01:42:099 Copy done

#client.copyC2X 00:01:42:100 JESD204C/payload10.txt to: JESD204C/payload10.txt

#client.copy.end ready

#log.info 00:01:48:977 Copy done

#client.copyC2X 00:01:48:978 JESD204C/payload11.txt to: JESD204C/payload11.txt

#client.copy.end ready

#log.info 00:01:55:855 Copy done

#client.copyC2X 00:01:55:856 JESD204C/payload12.txt to: JESD204C/payload12.txt

#client.copy.end ready

#log.info 00:02:03:235 Copy done

#client.copyC2X 00:02:03:236 JESD204C/payload13.txt to: JESD204C/payload13.txt

#client.copy.end ready

#log.info 00:02:10:047 Copy done

#client.copyC2X 00:02:10:048 JESD204C/payload14.txt to: JESD204C/payload14.txt

#client.copy.end ready

#log.info 00:02:16:917 Copy done

#client.copyC2X 00:02:16:918 JESD204C/payload15.txt to: JESD204C/payload15.txt

#client.copy.end ready

#log.info 00:02:23:779 Copy done

#client.copyC2X 00:02:23:780 JESD204C/input_command_words.txt to: JESD204C/input_command_words.txt

#client.copy.end ready

#log.info 00:02:30:655 Copy done

#testcase.run 00:02:30:656 Done test hit 3 JESD204C_TX_Copy_Input_Files

#testcase.run 00:02:30:656 Start test hit 4 JESD204C_TX_Initialize_and_Mode_Definition

#apix.jesd204c.tx.reset

#apix.jesd204c.tx.init

#testcase.run 00:02:30:780 Done test hit 4 JESD204C_TX_Initialize_and_Mode_Definition

#testcase.run 00:02:30:781 Start test hit 5 JESD204C_RX_Initialize_and_Trigger_Definition

#log.info 00:02:30:781 Initializing variables and Rx trigger

#apix.jesd204c.rx.reset

#apix.jesd204c.rx.init

#log.info 00:02:30:855 Forcing the capture to start instantly after Rx start

#apix.jesd204c.rx.triggerMode 0

#testcase.run 00:02:30:855 Done test hit 5 JESD204C_RX_Initialize_and_Trigger_Definition

#testcase.run 00:02:30:856 Start test hit 6 JESD204C_RX_Reserve_Capture_Segment

#log.info 00:02:30:856 Defining capture segment & size and frame settings for the Analyzer

#rx.info 00:02:30:883 Calculated Segment Size: 0x 4e200

#apix.jesd204c.rx.calculateReceiveSegmentSize jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt 320000

#apix.jesd204c.rx.addSegment jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt RxSegment1 320160 1

#rx.info 00:02:30:910 Capturing 0MB, free disk space 23300MB.

#testcase.run 00:02:30:911 Done test hit 6 JESD204C_RX_Reserve_Capture_Segment

#testcase.run 00:02:30:911 Start test hit 7 JESD204C_TX_Generate_Stimulus

#log.info 00:02:30:912 Stimulus will be generated.

#apix.jesd204c.tx.addSegment jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt TxSegment1 0

#tx.info 00:02:30:938 Running Generator

#protocol.info 00:02:30:939 Info: JESD204C Generator started, links 1, lanes 4

#protocol.info 00:02:30:939 Loading JESD204C setup

#log.info 00:02:30:961 ErrorConfigFile not defined, error injection disabled.

#log.info 00:02:30:962 Load settings Jesd204cTxTriggerPulse.Payload=

#log.info 00:02:30:962 Load settings Jesd204cTxTriggerPulse.Amount=0

#log.info 00:02:30:963 Load settings Jesd204cTxTriggerPulse.Offset=0

#log.info 00:02:30:964 Load settings Jesd204cTxTriggerPulse.Length=8

#log.info 00:02:30:964 Load settings Jesd204cTxTriggerPulse.Period=10000

#log.info 00:02:30:965 Load settings Jesd204cTxTriggerPulse.Invert=0

#log.info 00:02:30:965 Load command word USER.CUSTOM mb:5 addr:0x0 data:0x7c1f23458 len:35 type:24 loop:1

#log.info 00:02:30:966 Load command word REG.WRITE mb:12 addr:0x12315 data:0x55 len:25 type:0 loop:1

#log.info 00:02:30:966 Load command word NOOP mb:14 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:966 Load command word REG.STREAMING_WRITE mb:14 addr:0x0 data:0x56 len:10 type:0 loop:1

#log.info 00:02:30:967 Load command word REG.STREAMING_WRITE mb:20 addr:0x0 data:0x57 len:10 type:0 loop:1

#log.info 00:02:30:967 Load command word REG.READ_REQ mb:21 addr:0xad85 data:0x0 len:20 type:0 loop:1

#log.info 00:02:30:968 Load command word REG.READ_ACK mb:22 addr:0x85 data:0x55 len:25 type:0 loop:1

#log.info 00:02:30:968 Load command word REG.READ_ACK mb:24 addr:0x85 data:0x55 len:25 type:0 loop:1

#log.info 00:02:30:968 Load command word BUF.FULL mb:26 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:968 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:969 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:969 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:969 Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:970 Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:970 Load command word USER.CUSTOM mb:29 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:970 Load command word USER.CUSTOM mb:31 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:971 Load command word USER.CUSTOM mb:33 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:971 Load command word USER.CUSTOM mb:34 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:971 Load command word USER.CUSTOM mb:36 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:972 Load command word USER.CUSTOM mb:38 addr:0x0 data:0x23542 len:20 type:31 loop:1

#log.info 00:02:30:972 Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:972 Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1

#log.info 00:02:30:973 Load command word USER.CUSTOM mb:40 addr:0x0 data:0x1a len:5 type:28 loop:1

#log.info 00:02:30:973 Load command word USER.CUSTOM mb:41 addr:0x0 data:0x1a len:5 type:28 loop:1

#log.info 00:02:30:973 Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1

#log.info 00:02:30:974 Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1

#log.info 00:02:30:974 Load command word USER.CUSTOM mb:43 addr:0x0 data:0x1a len:5 type:28 loop:1

#log.info 00:02:30:974 Load command word USER.CUSTOM mb:44 addr:0x0 data:0x0 len:0 type:31 loop:1

#log.info 00:02:30:975 Load settings Converter0.PayloadFileName=payload0.txt

#log.info 00:02:30:976 Payload type FILE selected

#log.info 00:02:30:977 Load settings Converter0.LoopPayload=0

#log.info 00:02:30:978 Load settings Converter0.PayloadFileFormat=HEX_16

#log.info 00:02:30:979 Load settings Converter1.PayloadFileName=payload1.txt

#log.info 00:02:30:979 Payload type FILE selected

#log.info 00:02:30:980 Load settings Converter1.LoopPayload=0

#log.info 00:02:30:981 Load settings Converter1.PayloadFileFormat=HEX_16

#log.info 00:02:30:982 Load settings Converter2.PayloadFileName=payload2.txt

#log.info 00:02:30:982 Payload type FILE selected

#log.info 00:02:30:983 Load settings Converter2.LoopPayload=0

#log.info 00:02:30:984 Load settings Converter2.PayloadFileFormat=HEX_16

#log.info 00:02:30:985 Load settings Converter3.PayloadFileName=payload3.txt

#log.info 00:02:30:985 Payload type FILE selected

#log.info 00:02:30:987 Load settings Converter3.LoopPayload=0

#log.info 00:02:30:987 Load settings Converter3.PayloadFileFormat=HEX_16

#log.info 00:02:30:988 Load settings Converter4.PayloadFileName=payload4.txt

#log.info 00:02:30:989 Payload type FILE selected

#log.info 00:02:30:990 Load settings Converter4.LoopPayload=0

#log.info 00:02:30:990 Load settings Converter4.PayloadFileFormat=HEX_16

#log.info 00:02:30:991 Load settings Converter5.PayloadFileName=payload5.txt

#log.info 00:02:30:992 Payload type FILE selected

#log.info 00:02:30:993 Load settings Converter5.LoopPayload=0

#log.info 00:02:30:993 Load settings Converter5.PayloadFileFormat=HEX_16

#log.info 00:02:30:995 Load settings Converter6.PayloadFileName=payload6.txt

#log.info 00:02:30:995 Payload type FILE selected

#log.info 00:02:30:996 Load settings Converter6.LoopPayload=0

#log.info 00:02:30:997 Load settings Converter6.PayloadFileFormat=HEX_16

#log.info 00:02:30:998 Load settings Converter7.PayloadFileName=payload7.txt

#log.info 00:02:30:999 Payload type FILE selected

#log.info 00:02:31:000 Load settings Converter7.LoopPayload=0

#log.info 00:02:31:000 Load settings Converter7.PayloadFileFormat=HEX_16

#log.info 00:02:31:002 Load settings Converter8.PayloadFileName=payload8.txt

#log.info 00:02:31:002 Payload type FILE selected

#log.info 00:02:31:003 Load settings Converter8.LoopPayload=0

#log.info 00:02:31:004 Load settings Converter8.PayloadFileFormat=HEX_16

#log.info 00:02:31:005 Load settings Converter9.PayloadFileName=payload9.txt

#log.info 00:02:31:006 Payload type FILE selected

#log.info 00:02:31:007 Load settings Converter9.LoopPayload=0

#log.info 00:02:31:007 Load settings Converter9.PayloadFileFormat=HEX_16

#log.info 00:02:31:009 Load settings Converter10.PayloadFileName=payload10.txt

#log.info 00:02:31:009 Payload type FILE selected

#log.info 00:02:31:010 Load settings Converter10.LoopPayload=0

#log.info 00:02:31:011 Load settings Converter10.PayloadFileFormat=HEX_16

#log.info 00:02:31:012 Load settings Converter11.PayloadFileName=payload11.txt

#log.info 00:02:31:013 Payload type FILE selected

#log.info 00:02:31:014 Load settings Converter11.LoopPayload=0

#log.info 00:02:31:015 Load settings Converter11.PayloadFileFormat=HEX_16

#log.info 00:02:31:016 Load settings Converter12.PayloadFileName=payload12.txt

#log.info 00:02:31:017 Payload type FILE selected

#log.info 00:02:31:018 Load settings Converter12.LoopPayload=0

#log.info 00:02:31:018 Load settings Converter12.PayloadFileFormat=HEX_16

#log.info 00:02:31:020 Load settings Converter13.PayloadFileName=payload13.txt

#log.info 00:02:31:020 Payload type FILE selected

#log.info 00:02:31:022 Load settings Converter13.LoopPayload=0

#log.info 00:02:31:022 Load settings Converter13.PayloadFileFormat=HEX_16

#log.info 00:02:31:024 Load settings Converter14.PayloadFileName=payload14.txt

#log.info 00:02:31:024 Payload type FILE selected

#log.info 00:02:31:025 Load settings Converter14.LoopPayload=0

#log.info 00:02:31:026 Load settings Converter14.PayloadFileFormat=HEX_16

#log.info 00:02:31:028 Load settings Converter15.PayloadFileName=payload15.txt

#log.info 00:02:31:028 Payload type FILE selected

#log.info 00:02:31:029 Load settings Converter15.LoopPayload=0

#log.info 00:02:31:030 Load settings Converter15.PayloadFileFormat=HEX_16

#log.info 00:02:31:031 Load settings L = 2

#log.info 00:02:31:032 Load settings F = 16

#log.info 00:02:31:032 Load settings M = 16

#log.info 00:02:31:032 Load settings CS = 0

#log.info 00:02:31:033 Load settings N = 16

#log.info 00:02:31:033 Load settings N_total = 16

#log.info 00:02:31:033 Load settings S = 1

#log.info 00:02:31:034 Load settings HD = 1

#log.info 00:02:31:034 Load settings CF = 0

#log.info 00:02:31:034 Load settings E = 1

#log.info 00:02:31:034 Load settings NumberOfExtMultiblocks = 1000

#log.info 00:02:31:035 Load settings CmdChannelSingleLaneMode = 1

#log.info 00:02:31:035 Load settings ReverseReportBits = 0

#log.info 00:02:31:035 Load settings Verbose = 0

#log.info 00:02:31:036 Load settings OversamplePayloads = 1

#log.info 00:02:31:036 Load settings IdleType = PayloadLoop

#log.info 00:02:31:036 Load settings ControlChannelMode = DeviceControlChannel

#log.info 00:02:31:036 Load settings Tailbits = high

#log.info 00:02:31:037 Load settings LimitSavePayloadSize = 1

#log.info 00:02:31:037 Load settings CmdWordInputFileName = input_command_words.txt

#log.info 00:02:31:037 Load settings TxReportFileName = TX_frame_report_file.txt

#log.info 00:02:31:038 Load settings Lane0.TxFrameFileName = TX0_frame_file.txt

#log.info 00:02:31:038 Load settings BusWidthBytes = 4

#log.info 00:02:31:038 Load settings SyncWordMode = MODE_CMD_CHANNEL

#log.info 00:02:31:038 Load settings TxFrameCaptureStartTrigger = TRIGGER_EMB_START

#protocolInfo 00:02:31:039

#protocolInfo 00:02:31:039 JESD204C Setup done

#protocolInfo 00:02:31:039 Generation of multiblocks started

#protocol.info 00:02:31:347 25600 bytes generated

#protocol.info 00:02:31:656 51200 bytes generated

#protocol.info 00:02:31:966 76800 bytes generated

#protocol.info 00:02:32:275 102400 bytes generated

#protocol.info 00:02:32:585 128000 bytes generated

#protocol.info 00:02:32:896 153600 bytes generated

#protocol.info 00:02:33:208 179200 bytes generated

#protocol.info 00:02:33:519 204800 bytes generated

#protocol.info 00:02:33:829 230400 bytes generated

#protocol.info 00:02:34:140 256000 bytes generated

#protocol.info 00:02:34:142 JESD204C Generation completed successfully

#protocol.info 00:02:34:143 JESD204C frames generation done

#testcase.run 00:02:34:187 Done test hit 7 JESD204C_TX_Generate_Stimulus

#testcase.run 00:02:34:187 Start test hit 8 JESD204C_TX_Start

#apix.jesd204c.tx.start

#apix.jesd204c.tx.getState

#apix.jesd204c.tx.getState

#testcase.run 00:02:34:917 Done test hit 8 JESD204C_TX_Start

#testcase.run 00:02:34:917 Start test hit 9 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:02:34:918 Done test hit 9 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:02:34:918 Start test hit 10 JESD204C_RX_Start

#apix.jesd204c.rx.start

#testcase.run 00:02:38:342 Done test hit 10 JESD204C_RX_Start

#testcase.run 00:02:38:343 Start test hit 11 JESD204C_RX_Wait_For_Trigger_and_Capture

#apix.jesd204c.rx.getState DONE

#log.info 00:02:38:344 Rx FSM state = DONE in lane 0

#apix.jesd204c.rx.getState DONE

#log.info 00:02:38:344 Rx FSM state = DONE in lane 1

#testcase.run 00:02:38:345 Done test hit 11 JESD204C_RX_Wait_For_Trigger_and_Capture

#testcase.run 00:02:38:345 Start test hit 12 JESD204C_RX_Analyze_Capture

#apix.jesd204c.rx.analyze jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt RxSegment1

#rx.info 00:02:38:372 Running Analyzer

#rx.info 00:02:38:373 Analyze segname: RxSegment1_link0 address 0x10000000

#protocol.info 00:02:38:374 JESD204C Analyzer started

#protocol.info 00:02:38:395 Loading JESD204C setup

#log.info 00:02:38:396 Load settings Jesd204cRxTriggerPulse.SavePayload=

#log.info 00:02:38:397 Load settings Jesd204cRxTriggerPulse.SavePayloadFileFormat=HEX

#log.info 00:02:38:397 Load settings Jesd204cRxTriggerPulse.FileHeader=

#log.info 00:02:38:398 Load settings Jesd204cRxTriggerPulse.SavePayloadBytesInLine=8

#log.info 00:02:38:398 Load settings Jesd204cRxTriggerPulse.LsbFirst=0

#log.info 00:02:38:399 Load settings Jesd204cRxTriggerPulse.DeltaCalc=

#log.info 00:02:38:399 Load settings Jesd204cRxTriggerPulse.DeltaCalcEdge=

#log.info 00:02:38:400 Load settings Jesd204cRxTriggerPulse.Report=0

#log.info 00:02:38:401 Load settings Converter0.SavePayloadFileName=savepayload0.txt

#log.info 00:02:38:402 Load settings Converter0.FileHeader=

#log.info 00:02:38:403 Load settings Converter0.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:403 Load settings Converter0.SavePayloadBytesInLine=8

#log.info 00:02:38:404 Load settings Converter0.AddIQFrontBits=0

#log.info 00:02:38:404 Load settings Converter1.SavePayloadFileName=savepayload1.txt

#log.info 00:02:38:405 Load settings Converter1.FileHeader=

#log.info 00:02:38:406 Load settings Converter1.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:406 Load settings Converter1.SavePayloadBytesInLine=8

#log.info 00:02:38:407 Load settings Converter1.AddIQFrontBits=0

#log.info 00:02:38:407 Load settings Converter2.SavePayloadFileName=savepayload2.txt

#log.info 00:02:38:408 Load settings Converter2.FileHeader=

#log.info 00:02:38:409 Load settings Converter2.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:410 Load settings Converter2.SavePayloadBytesInLine=8

#log.info 00:02:38:410 Load settings Converter2.AddIQFrontBits=0

#log.info 00:02:38:411 Load settings Converter3.SavePayloadFileName=savepayload3.txt

#log.info 00:02:38:411 Load settings Converter3.FileHeader=

#log.info 00:02:38:412 Load settings Converter3.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:413 Load settings Converter3.SavePayloadBytesInLine=8

#log.info 00:02:38:413 Load settings Converter3.AddIQFrontBits=0

#log.info 00:02:38:414 Load settings Converter4.SavePayloadFileName=savepayload4.txt

#log.info 00:02:38:415 Load settings Converter4.FileHeader=

#log.info 00:02:38:416 Load settings Converter4.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:416 Load settings Converter4.SavePayloadBytesInLine=8

#log.info 00:02:38:417 Load settings Converter4.AddIQFrontBits=0

#log.info 00:02:38:417 Load settings Converter5.SavePayloadFileName=savepayload5.txt

#log.info 00:02:38:418 Load settings Converter5.FileHeader=

#log.info 00:02:38:419 Load settings Converter5.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:419 Load settings Converter5.SavePayloadBytesInLine=8

#log.info 00:02:38:420 Load settings Converter5.AddIQFrontBits=0

#log.info 00:02:38:421 Load settings Converter6.SavePayloadFileName=savepayload6.txt

#log.info 00:02:38:421 Load settings Converter6.FileHeader=

#log.info 00:02:38:422 Load settings Converter6.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:423 Load settings Converter6.SavePayloadBytesInLine=8

#log.info 00:02:38:423 Load settings Converter6.AddIQFrontBits=0

#log.info 00:02:38:424 Load settings Converter7.SavePayloadFileName=savepayload7.txt

#log.info 00:02:38:425 Load settings Converter7.FileHeader=

#log.info 00:02:38:426 Load settings Converter7.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:426 Load settings Converter7.SavePayloadBytesInLine=8

#log.info 00:02:38:427 Load settings Converter7.AddIQFrontBits=0

#log.info 00:02:38:427 Load settings Converter8.SavePayloadFileName=savepayload8.txt

#log.info 00:02:38:428 Load settings Converter8.FileHeader=

#log.info 00:02:38:429 Load settings Converter8.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:430 Load settings Converter8.SavePayloadBytesInLine=8

#log.info 00:02:38:430 Load settings Converter8.AddIQFrontBits=0

#log.info 00:02:38:431 Load settings Converter9.SavePayloadFileName=savepayload9.txt

#log.info 00:02:38:432 Load settings Converter9.FileHeader=

#log.info 00:02:38:433 Load settings Converter9.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:433 Load settings Converter9.SavePayloadBytesInLine=8

#log.info 00:02:38:434 Load settings Converter9.AddIQFrontBits=0

#log.info 00:02:38:435 Load settings Converter10.SavePayloadFileName=savepayload10.txt

#log.info 00:02:38:435 Load settings Converter10.FileHeader=

#log.info 00:02:38:436 Load settings Converter10.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:437 Load settings Converter10.SavePayloadBytesInLine=8

#log.info 00:02:38:437 Load settings Converter10.AddIQFrontBits=0

#log.info 00:02:38:438 Load settings Converter11.SavePayloadFileName=savepayload11.txt

#log.info 00:02:38:439 Load settings Converter11.FileHeader=

#log.info 00:02:38:440 Load settings Converter11.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:440 Load settings Converter11.SavePayloadBytesInLine=8

#log.info 00:02:38:441 Load settings Converter11.AddIQFrontBits=0

#log.info 00:02:38:442 Load settings Converter12.SavePayloadFileName=savepayload12.txt

#log.info 00:02:38:442 Load settings Converter12.FileHeader=

#log.info 00:02:38:443 Load settings Converter12.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:444 Load settings Converter12.SavePayloadBytesInLine=8

#log.info 00:02:38:445 Load settings Converter12.AddIQFrontBits=0

#log.info 00:02:38:445 Load settings Converter13.SavePayloadFileName=savepayload13.txt

#log.info 00:02:38:446 Load settings Converter13.FileHeader=

#log.info 00:02:38:447 Load settings Converter13.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:448 Load settings Converter13.SavePayloadBytesInLine=8

#log.info 00:02:38:448 Load settings Converter13.AddIQFrontBits=0

#log.info 00:02:38:449 Load settings Converter14.SavePayloadFileName=savepayload14.txt

#log.info 00:02:38:450 Load settings Converter14.FileHeader=

#log.info 00:02:38:451 Load settings Converter14.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:451 Load settings Converter14.SavePayloadBytesInLine=8

#log.info 00:02:38:452 Load settings Converter14.AddIQFrontBits=0

#log.info 00:02:38:453 Load settings Converter15.SavePayloadFileName=savepayload15.txt

#log.info 00:02:38:454 Load settings Converter15.FileHeader=

#log.info 00:02:38:455 Load settings Converter15.SavePayloadFileFormat=HEX_16

#log.info 00:02:38:455 Load settings Converter15.SavePayloadBytesInLine=8

#log.info 00:02:38:456 Load settings Converter15.AddIQFrontBits=0

#log.info 00:02:38:456 Load settings L = 2

#log.info 00:02:38:457 Load settings F = 16

#log.info 00:02:38:457 Load settings M = 16

#log.info 00:02:38:457 Load settings CS = 0

#log.info 00:02:38:458 Load settings N = 16

#log.info 00:02:38:458 Load settings N_total = 16

#log.info 00:02:38:458 Load settings S = 1

#log.info 00:02:38:458 Load settings HD = 1

#log.info 00:02:38:459 Load settings CF = 0

#log.info 00:02:38:459 Load settings E = 1

#log.info 00:02:38:459 Load settings NumberOfExtMultiblocks = 1000

#log.info 00:02:38:460 Load settings CmdChannelSingleLaneMode = 1

#log.info 00:02:38:460 Load settings ReverseReportBits = 0

#log.info 00:02:38:460 Load settings Verbose = 0

#log.info 00:02:38:461 Load settings OversamplePayloads = 1

#log.info 00:02:38:461 Load settings IdleType = PayloadLoop

#log.info 00:02:38:461 Load settings ControlChannelMode = DeviceControlChannel

#log.info 00:02:38:462 Load settings Tailbits = high

#log.info 00:02:38:462 Load settings LimitSavePayloadSize = 1

#log.info 00:02:38:462 Load settings CmdWordOutputFileName = output_command_words.txt

#log.info 00:02:38:462 Load settings RxReportFileName = RX_frame_report_file.txt

#log.info 00:02:38:463 Load settings RxFrameCaptureStartTrigger = TRIGGER_IMMEDIATELY

#log.info 00:02:38:463 Load settings Lane0.RxOutputFrameFileName = RX0_frame_file.txt

#log.info 00:02:38:463 Load settings BusWidthBytes = 4

#log.info 00:02:38:464 Load settings SyncWordMode = MODE_CMD_CHANNEL

#protocol.info 00:02:38:468 Multiblock synchronization found:

#protocol.info 00:02:38:468 Lane 0 offset: 176

#protocol.info 00:02:38:468 Lane 1 offset: 176

#protocol.info 00:02:38:576 6403 bytes analyzed

#protocol.info 00:02:38:686 12806 bytes analyzed

#protocol.info 00:02:38:795 19209 bytes analyzed

#protocol.info 00:02:38:905 25612 bytes analyzed

#protocol.info 00:02:39:014 32015 bytes analyzed

#protocol.info 00:02:39:124 38418 bytes analyzed

#protocol.info 00:02:39:233 44821 bytes analyzed

#protocol.info 00:02:39:344 51224 bytes analyzed

#protocol.info 00:02:39:453 57627 bytes analyzed

#protocol.info 00:02:39:562 64030 bytes analyzed

#protocol.info 00:02:39:563 JESD204C protocol warnings found:

#protocol.info 00:02:39:563

#protocol.info 00:02:39:564 Command channel faulty header 0

#protocol.info 00:02:39:564 Command channel faulty payload length 0

#protocol.info 00:02:39:564 Command channel reserved type received 0

#protocol.info 00:02:39:565 Sync word faulty pilot signal 0

#protocol.info 00:02:39:565 Sync word faulty EoEMB signal 0

#protocol.info 00:02:39:565 Sync word faulty parity bit 0

#protocol.info 00:02:39:565 Invalid sync header 0

#protocol.info 00:02:39:566

#protocol.info 00:02:39:569 Analysis completed successfully

#protocol.info 00:02:39:569 Savefiles generated:

#protocol.info 00:02:39:569 savepayload0.txt

#protocol.info 00:02:39:570 savepayload1.txt

#protocol.info 00:02:39:570 savepayload2.txt

#protocol.info 00:02:39:570 savepayload3.txt

#protocol.info 00:02:39:570 savepayload4.txt

#protocol.info 00:02:39:571 savepayload5.txt

#protocol.info 00:02:39:571 savepayload6.txt

#protocol.info 00:02:39:571 savepayload7.txt

#protocol.info 00:02:39:572 savepayload8.txt

#protocol.info 00:02:39:572 savepayload9.txt

#protocol.info 00:02:39:572 savepayload10.txt

#protocol.info 00:02:39:573 savepayload11.txt

#protocol.info 00:02:39:573 savepayload12.txt

#protocol.info 00:02:39:574 savepayload13.txt

#protocol.info 00:02:39:574 savepayload14.txt

#protocol.info 00:02:39:574 savepayload15.txt

#testcase.run 00:02:39:583 Done test hit 12 JESD204C_RX_Analyze_Capture

#testcase.run 00:02:39:583 Start test hit 13 JESD204C_RX_Stop

#apix.jesd204c.rx.stop

#testcase.run 00:02:39:584 Done test hit 13 JESD204C_RX_Stop

#testcase.run 00:02:39:585 Start test hit 14 JESD204C_TX_Stop

#apix.jesd204c.tx.stop

#testcase.run 00:02:39:586 Done test hit 14 JESD204C_TX_Stop

#testcase.run 00:02:39:586 Start test hit 15 JESD204C_RX_Print_Results_Vector

#apix.jesd204c.rx.printResultsVector

#log.info 00:02:39:587 #jesd204c.results_vector:Command channel faulty header=0,Command channel faulty payload length=0,Command channel reserved type received=0,Sync word faulty pilot signal=0,Sync word faulty EoEMB signal=0,Sync word faulty parity bit=0,Invalid sync header=0,

#testcase.run 00:02:39:587 Done test hit 15 JESD204C_RX_Print_Results_Vector

#testcase.run 00:02:39:588 Start test hit 16 JESD204C_RX_Copy_Output_Files

#apix.jesd204c.rx.copyOutputFiles jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#client.copyC2X 00:02:39:588 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5e_09_01_24.txt

#client.copy.end ready

#log.info 00:02:46:688 Copy done

#client.copyX2C 00:02:46:713 JESD204C/savepayload0.txt to: JESD204C/savepayload0.txt

#client.copy.end ready

#log.info 00:02:54:535 Copy done

#client.copyX2C 00:02:54:536 JESD204C/savepayload1.txt to: JESD204C/savepayload1.txt

#client.copy.end ready

#log.info 00:03:01:973 Copy done

#client.copyX2C 00:03:01:974 JESD204C/savepayload2.txt to: JESD204C/savepayload2.txt

#client.copy.end ready

#log.info 00:03:09:524 Copy done

#client.copyX2C 00:03:09:525 JESD204C/savepayload3.txt to: JESD204C/savepayload3.txt

#client.copy.end ready

#log.info 00:03:16:429 Copy done

#client.copyX2C 00:03:16:430 JESD204C/savepayload4.txt to: JESD204C/savepayload4.txt

#client.copy.end ready

#log.info 00:03:22:690 Copy done

#client.copyX2C 00:03:22:691 JESD204C/savepayload5.txt to: JESD204C/savepayload5.txt

#client.copy.end ready

#log.info 00:03:28:983 Copy done

#client.copyX2C 00:03:28:984 JESD204C/savepayload6.txt to: JESD204C/savepayload6.txt

#client.copy.end ready

#log.info 00:03:35:973 Copy done

#client.copyX2C 00:03:35:974 JESD204C/savepayload7.txt to: JESD204C/savepayload7.txt

#client.copy.end ready

#log.info 00:03:43:321 Copy done

#client.copyX2C 00:03:43:322 JESD204C/savepayload8.txt to: JESD204C/savepayload8.txt

#client.copy.end ready

#log.info 00:03:50:440 Copy done

#client.copyX2C 00:03:50:441 JESD204C/savepayload9.txt to: JESD204C/savepayload9.txt

#client.copy.end ready

#log.info 00:03:57:872 Copy done

#client.copyX2C 00:03:57:873 JESD204C/savepayload10.txt to: JESD204C/savepayload10.txt

#client.copy.end ready

#log.info 00:04:05:321 Copy done

#client.copyX2C 00:04:05:322 JESD204C/savepayload11.txt to: JESD204C/savepayload11.txt

#client.copy.end ready

#log.info 00:04:12:709 Copy done

#client.copyX2C 00:04:12:710 JESD204C/savepayload12.txt to: JESD204C/savepayload12.txt

#client.copy.end ready

#log.info 00:04:19:564 Copy done

#client.copyX2C 00:04:19:565 JESD204C/savepayload13.txt to: JESD204C/savepayload13.txt

#client.copy.end ready

#log.info 00:04:26:404 Copy done

#client.copyX2C 00:04:26:405 JESD204C/savepayload14.txt to: JESD204C/savepayload14.txt

#client.copy.end ready

#log.info 00:04:32:727 Copy done

#client.copyX2C 00:04:32:727 JESD204C/savepayload15.txt to: JESD204C/savepayload15.txt

#client.copy.end ready

#log.info 00:04:39:536 Copy done

#client.copyX2C 00:04:39:537 JESD204C/RX0_frame_file.txt to: JESD204C/RX0_frame_file.txt

#client.copy.end ready

#log.info 00:04:48:522 Copy done

#client.copyX2C 00:04:48:523 JESD204C/RX_frame_report_file.txt to: JESD204C/RX_frame_report_file.txt

#client.copy.end ready

#log.info 00:05:01:507 Copy done

#client.copyX2C 00:05:01:507 JESD204C/output_command_words.txt to: JESD204C/output_command_words.txt

#client.copy.end ready

#log.info 00:05:07:894 Copy done

#testcase.run 00:05:07:895 Done test hit 16 JESD204C_RX_Copy_Output_Files

#testcase.run 00:05:07:895 All hits run

#testcase.run 00:05:07:895 Done test case JESD204C_2Lane_1250Mbps_Tx_Rx

#log.info 00:05:07:896 Releasing license jesd204c-actor

#log.info 00:05:07:941 License released

#log.info 00:05:07:941 Releasing license xstep-runtime

#log.info 00:05:07:984 License released

#log.info 00:05:07:984 Exit from XStep pid : 1434