Test Report

Created by:latabhax 2024-01-31 09:11:05

Board: 10.123.100.165

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

 $Report\ name:\ C:/MentorGraphics/XStep.2020.01.0.3/XStepAP1/arm\ hf/work/JESD204C_4Lane_1250Mbps_Tx-latabhax-2024-01-31_time_09-11-05.html\ and\ .pdf$

$Test\ Case\ Name: JESD204C_4Lane_1250Mbps_Tx$

Test Case Description:Example Test Case: JESD204C Tx 1250Mbps 4 Lane, Tx Always on

Test Case started:2024/01/31 09:05:26

Created by:latabhax 2024-01-31 09:11:05

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

 $Report \ name: C: //MentorGraphics/XS tep. 2020.01.0.3/XS tep. AP1/arm hf/work/JESD204C_4Lane_1259 Mbps_Tx-latabhax-2024-01-31_time_09-11-05.html \ and .pdf and .p$

Hit Name	Status	Description	File	M odified	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	11.6	0
JESD204C_Program_Device	Done	1 JESD204C_Program_Device	sarokal/reference_testhits/jesd204c/jesd204c_program.hxx	Mon Mar 16 16:53:31 2020	25.85	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	25.85	2
JESD204C_TX_Copy_Input_Files	Done	3 JESD204C_TX_C opy_Input_Files	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	208.6	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	208.8	4
JESD204C_TX_Generate_Stimulus	Done	5 JESD204C_TX_Generate_Stimulus	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	215.2	5
JESD204C_TX_Start	Done	6 JESD204C_TX_Start	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	215.9	6
JESD204C_TX_Poll_State	Running	7 JESD204C_TX_Poll_State	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020		7

Log:

Compile OK

Copy Ready

Copy DONE

 $Test\ JESD204C_4Lane_1250Mbps_Tx\ started; 2024/01/31\ 09:05:25$

 $cd\ /root/XStep/work; chmod+x\ JESD204C_4Lane_1250Mbps_Tx; LD_LIBRARY_PATH=/root/XStep/lib\ ./JESD204C_4Lane_1250Mbps_Tx; LD_LIBRARY_PATH=/root/XStep/lib\$

 $\text{\#x.info } 00:\!00:\!00:\!015 \text{ Using XSTEP DNRT4}:\!1512012, CPU1512027, EFU1512009 }, rev... \\$

#x.info 00:00:00:043 MAC address 70:B3:D5:FA:20:72

 $\#log.info\ 00:\!00:\!00:\!075\ Looking\ for\ xstep-runtime\ license..$

 $\#log.info\ 00:00:00:343$ License xstep-runtime checked out

Reset variables in VariableForm

 $Test\ JESD204C_4Lane_1250Mbps_Tx\ started; 2024/01/31\ 09:05:26$

 $\# test case.run\ 00:00:00:801\ Start\ test\ case\ JESD204C_4Lane_1250Mbps_Tx$

#testcase.info 00:00:00:802 XStepApi version: 2020.01.0.3

#testcase.info 00:00:00:802 Import XStepApi.ini settings

```
#testcase.info 00:00:00:802 Import JESD204C_4Lane_1250Mbps_Tx.ini settings
#testcase.info 00:00:00:803 No arguments
#testcase.run 00:00:00:803 Start test hit 0 JESD204C_Test_Case_Settings
#log.info 00:00:00:807 JESD204C selected as the working directory for this test case.
#api:x.settings.workdir JESD204C
\#client.copyC2X\ 00:00:00:00:00:808\ JESD204C/jesd204c\ setup\_1G25\_1lane\_ABC\_usecase\_7G\_25\_01\_24.txt\ to: JESD20
#client.copy.end ready
#log.info 00:00:11:574 Copy done
#testcase.run 00:00:11:602 Done test hit 0 JESD204C_Test_Case_Settings
#testcase.run 00:00:11:602 Start test hit 1 JESD204C_Program_Device
#apix.jesd204c.program 1G25 4
#jesd204c.info 00:00:11:603 Jesd204c program using 1G25 bitrate
#jesd204c.info 00:00:11:604 Jesd204c program 4 lane(s) configured
#program.info 00:00:11:605 Unload xilinx_emaclite kernel module
#console.info 00:00:11:609
#console.info 00:00:11:612
#clock.info 00:00:11:612 Starting to set frequency 156250000
#program.info 00:00:12:731 CPU md5Hash = 87f65c6ed5b22e2631779274ca34a92b
#program.info 00:00:12:732 CPU Ver=C04F1015
#program.info 00:00:13:126 Programming ../bin/CPU.bit
#program.info 00:00:13:134 CPU Board programmed
#program.info 00:00:14:221 IFU md5Hash = 95a7e83456f6cac59fd85c8aac2e9f0e
#program.info 00:00:14:222 IFU Ver=E0030015
#program.info 00:00:14:222 Programming ../bin/EFU 64B66B.bit
#program.info 00:00:14:235 Programming interface card...
#program.info 00:00:25:789 Number of active links set to 1
#program.info 00:00:25:790 Number of active lanes set to 4
#program.info 00:00:25:849 Memory if - OK
#program.info 00:00:25:850 Register if - OK
#testcase.run 00:00:25:851 Done test hit 1 JESD204C Program Device
#testcase.run 00:00:25:851 Start test hit 2 COMMON_Ext_Ref_Clock_Usage
\#log.info\ 00:00:25:852\ External\ reference\ clock\ usage\ not\ selected\ (useExtRefClock=0)
#testcase.run 00:00:25:853 Done test hit 2 COMMON_Ext_Ref_Clock_Usage
#testcase.run 00:00:25:853 Start test hit 3 JESD204C_TX_Copy_Input_Files
\#apix.jesd 204c.tx.copyInputFiles\ jesd 204c\_setup\_1G25\_1lane\_ABC\_usecase\_7G\_25\_01\_24.txt
#log.info 00:00:26:135 License jesd204c-actor checked out
\#client.copyC2X\ 00:00:26:136\ JESD204C/jesd204c\_setup\_1G25\_1lane\_ABC\_usecase\_7G\_25\_01\_24.txt\ to: JESD204C/jesd204C\_setup\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1S02C\_24.txt\ to: JESD204C/jesd204C\_setup\_1G25\_1lane\_ABC\_usecase\_1G25\_1S02C\_24.txt\ to: JESD204C/jesd204C\_25\_1S02C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to: JESD204C/jesd204C\_24.txt\ to:
#client.copy.end ready
#log.info 00:00:37:532 Copy done
\#client.copyC2X\ 00:00:37:558\ JESD204C/payload0.txt\ to: JESD204C/payload0.txt
#client.copy.end ready
#log.info 00:00:48:787 Copy done
\#client.copyC2X\ 00:00:48:788\ JESD204C/payload1.txt\ to: JESD204C/payload1.txt
#client.copy.end ready
#log.info 00:00:59:093 Copy done
#client.copyC2X 00:00:59:094 JESD204C/payload2.txt to: JESD204C/payload2.txt
#client.copy.end ready
#log.info 00:01:08:641 Copy done
\#client.copyC2X\ 00:01:08:642\ JESD204C/payload3.txt\ to: JESD204C/payload3.txt
```

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#client.copy.end ready
#log.info 00:01:17:917 Copy done
\#client.copyC2X\ 00:01:17\cdot918\ JESD204C/payload4.txt\ to: JESD204C/payloa
#client.copy.end ready
#log.info 00:01:27:721 Copy done
#client.copyC2X 00:01:27:722 JESD204C/payload5.txt to: JESD204C/payload5.txt
#client.copy.end ready
#log.info 00:01:37:058 Copy done
\#client.copyC2X\ 00:01:37:059\ JESD204C/payload6.txt\ to: JESD204C/payload6.txt
#client.copy.end ready
#log.info 00:01:46:830 Copy done
#client.copyC2X 00:01:46:831 JESD204C/payload7.txt to: JESD204C/payload7.txt
#client.copy.end ready
#log.info 00:01:56:140 Copy done
#client.copyC2X 00:01:56:141 JESD204C/payload8.txt to: JESD204C/payload8.txt
#client.copy.end ready
#log.info 00:02:05:947 Copy done
#client.copyC2X 00:02:05:948 JESD204C/payload9.txt to: JESD204C/payload9.txt
#client.copy.end ready
#log.info 00:02:16:019 Copy done
#client.copyC2X 00:02:16:020 JESD204C/payload10.txt to: JESD204C/payload10.txt
#client.copy.end ready
#log.info 00:02:26:330 Copy done
#client.copyC2X 00:02:26:331 JESD204C/payload11.txt to: JESD204C/payload11.txt
#client.copy.end ready
#log.info 00:02:38:620 Copy done
#client.copyC2X 00:02:38:621 JESD204C/payload12.txt to: JESD204C/payload12.txt
#client.copv.end ready
#log.info 00:02:49:540 Copy done
#client.copyC2X 00:02:49:541 JESD204C/payload13.txt to: JESD204C/payload13.txt
#client.copy.end ready
#log.info 00:03:00:248 Copy done
#client.copyC2X 00:03:00:249 JESD204C/payload14.txt to: JESD204C/payload14.txt
#client.copy.end ready
#log.info 00:03:09:606 Copy done
#client.copyC2X 00:03:09:607 JESD204C/payload15.txt to: JESD204C/payload15.txt
#client.copy.end ready
#log.info 00:03:18:390 Copy done
\#client.copyC2X\ 00:03:18:391\ JESD204C/input\_command\_words.txt\ to: JESD204C/input\_command\_words.txt\ to:
#client.copy.end ready
#log.info 00:03:28:645 Copy done
#testcase.run 00:03:28:645 Done test hit 3 JESD204C_TX_Copy_Input_Files
#testcase.run 00:03:28:646 Start test hit 4 JESD204C TX Initialize and Mode Definition
#apix.jesd204c.tx.reset
#api:x.jesd204c.tx.init
#testcase.run 00:03:28:770 Done test hit 4 JESD204C TX Initialize and Mode Definition
#testcase.run 00:03:28:770 Start test hit 5 JESD204C_TX_Generate_Stimulus
#log.info 00:03:28:771 Stimulus will be generated.
\#apix.jesd 204c.tx. add Segment \ jesd 204c\_setup\_1G25\_1 \\ lane\_ABC\_use case\_7G\_25\_01\_24.txt \ Tx Segment 1\ 0
```

```
#protocol.info 00:03:28:798 Info: JESD204C Generator started, links 1, lanes 4
#protocol.info 00:03:28:798 Loading JESD204C setup
#log.info 00:03:28:820 ErrorConfigFile not defined, error injection disabled.
#log.info 00:03:28:821 Load settings Jesd204cTxTriggerPulse.Payload=
#log.info 00:03:28:822 Load settings Jesd204cTxTriggerPulse.Amount=0
#log.info 00:03:28:822 Load settings Jesd204cTxTriggerPulse.Offset=0
#log.info 00:03:28:823 Load settings Jesd204cTxTriggerPulse.Length=8
\#log.info\ 00:03:28:824\ Load\ settings\ Jesd204cTxTriggerPulse.Period=10000
#log.info 00:03:28:824 Load settings Jesd204cTxTriggerPulse.Invert=0
#log.info 00:03:28:825 Load command word USER.CUSTOM mb:5 addr:0x0 data:0x7c1f23458 len:35 type:24 loop:1
#log.info 00:03:28:825 Load command word REG.WRITE mb:12 addr:0x12315 data:0x55 len:25 type:0 loop:1
#log.info 00:03:28:826 Load command word NOOP mb:14 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:826 Load command word REG.STREAMING_WRITE mb:14 addr:0x0 data:0x56 len:10 type:0 loop:1
#log.info 00:03:28:826 Load command word REG.STREAMING_WRITE mb:20 addr:0x0 data:0x57 len:10 type:0 loop:1
#log.info 00:03:28:826 Load command word REG.READ_REQ mb:21 addr:0xad85 data:0x0 len:20 type:0 loop:1
#log.info 00:03:28:827 Load command word REG.READ_ACK mb:22 addr:0x85 data:0x55 len:25 type:0 loop:1
#log.info 00:03:28:827 Load command word REG.READ_ACK mb:24 addr:0x85 data:0x55 len:25 type:0 loop:1
#log.info 00:03:28:827 Load command word BUF.FULL mb:26 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:828 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:828 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:828 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:829 Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:829 Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:829 Load command word USER.CUSTOM mb:29 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:830 Load command word USER.CUSTOM mb:31 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:830 Load command word USER.CUSTOM mb:33 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:830 Load command word USER.CUSTOM mb:34 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:831 Load command word USER.CUSTOM mb:36 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:831 Load command word USER.CUSTOM mb:38 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info 00:03:28:831 Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:832 Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:03:28:832 Load command word USER.CUSTOM mb:40 addr:0x0 data:0x1a len:5 type:28 loop:1
#log.info 00:03:28:832 Load command word USER.CUSTOM mb:41 addr:0x0 data:0x1a len:5 type:28 loop:1
#log.info 00:03:28:833 Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1
#log.info 00:03:28:833 Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1
#log.info 00:03:28:833 Load command word USER.CUSTOM mb:43 addr:0x0 data:0x1a len:5 type:28 loop:1
#log.info 00:03:28:834 Load command word USER.CUSTOM mb:44 addr:0x0 data:0x0 len:0 type:31 loop:1
#log.info 00:03:28:835 Load settings Converter0.PayloadFileName=payload0.txt
#log.info 00:03:28:835 Payload type FILE selected
#log.info 00:03:28:837 Load settings Converter0.LoopPayload=0
#log.info 00:03:28:837 Load settings Converter0.PayloadFileFormat=HEX 16
#log.info 00:03:28:838 Load settings Converter1.PayloadFileName=payload1.txt
#log.info 00:03:28:839 Payload type FILE selected
#log.info 00:03:28:840 Load settings Converter1.LoopPayload=0
#log.info 00:03:28:840 Load settings Converter1.PayloadFileFormat=HEX 16
#log.info 00:03:28:841 Load settings Converter2.PayloadFileName=payload2.txt
#log.info 00:03:28:842 Payload type FILE selected
#log.info 00:03:28:843 Load settings Converter2.LoopPayload=0
```

#tx.info 00:03:28:797 Running Generator

#IOg.IIIIO	00:03:28:843	Load settings	Converter2.PayloadFileFormat=HEX_16
#log.info	00:03:28:844	Load settings	Converter3.PayloadFileName=payload3.txt
			FILE selected
#log.info	00:03:28:846	Load settings	Converter3.LoopPayload=0
#log.info	00:03:28:847	Load settings	Converter3.PayloadFileFormat=HEX_16
#log.info	00:03:28:848	Load settings	Converter4.PayloadFileName=payload4.txt
#log.info	00:03:28:848	Payload type	FILE selected
#log.info	00:03:28:849	Load settings	Converter4.LoopPayload=0
#log.info	00:03:28:850	Load settings	Converter4.PayloadFileFormat=HEX_16
#log.info	00:03:28:851	Load settings	Converter5.PayloadFileName=payload5.txt
#log.info	00:03:28:851	Payload type	FILE selected
#log.info	00:03:28:852	Load settings	Converter5.LoopPayload=0
#log.info	00:03:28:853	Load settings	Converter5.PayloadFileFormat=HEX_16
#log.info	00:03:28:854	Load settings	Converter6.PayloadFileName=payload6.txt
#log.info	00:03:28:855	Payload type	FILE selected
#log.info	00:03:28:856	Load settings	Converter6.LoopPayload=0
#log.info	00:03:28:856	Load settings	Converter6.PayloadFileFormat=HEX_16
#log.info	00:03:28:858	Load settings	Converter7.PayloadFileName=payload7.txt
#log.info	00:03:28:858	Payload type	FILE selected
#log.info	00:03:28:859	Load settings	Converter7.LoopPayload=0
#log.info	00:03:28:860	Load settings	Converter7.PayloadFileFormat=HEX_16
#log.info	00:03:28:861	Load settings	Converter8.PayloadFileName=payload8.txt
#log.info	00:03:28:861	Payload type	FILE selected
#log.info	00:03:28:863	Load settings	Converter8.LoopPayload=0
#log.info	00:03:28:863	Load settings	Converter8.PayloadFileFormat=HEX_16
#log.info	00:03:28:865	Load settings	Converter9.PayloadFileName=payload9.txt
#log.info	00:03:28:865	Payload type	FILE selected
#log.info	00:03:28:866	Load settings	Converter9.LoopPayload=0
#log.info	00:03:28:867	Load settings	Converter9.PayloadFileFormat=HEX_16
#log.info	00:03:28:868	Load settings	Converter 10. Payload File Name = payload 10.txt
			Converter10.PayloadFileName=payload10.txt
#log.info	00:03:28:869	Payload type	
#log.info #log.info	00:03:28:869 00:03:28:870	Payload type Load settings	FILE selected
#log.info #log.info #log.info	00:03:28:869 00:03:28:870 00:03:28:870	Payload type Load settings Load settings	FILE selected Converter10.LoopPayload=0
#log.info #log.info #log.info #log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872	Payload type Load settings Load settings Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16
#log.info #log.info #log.info #log.info #log.info	00.03.28:869 00.03.28:870 00.03.28:870 00.03.28:872 00.03.28:872	Payload type Load settings Load settings Load settings Payload type	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt
#log.info #log.info #log.info #log.info #log.info #log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872 00:03:28:872	Payload type Load settings Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected
#log.info #log.info #log.info #log.info #log.info #log.info #log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872 00:03:28:873 00:03:28:874	Payload type Load settings Load settings Load settings Payload type Load settings Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0
#log.info #log.info #log.info #log.info #log.info #log.info #log.info #log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876	Payload type Load settings Load settings Payload type Load settings Load settings Load settings Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16
#log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876	Payload type Load settings Load settings Payload type Load settings Load settings Load settings Load settings Payload type	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt
#log.info	00:03:28:869 00:03:28:870 00:03:28:870 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:878	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:873 00:03:28:873 00:03:28:876 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:878	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.PayloadFileName=payload12.txt Converter12.PayloadFileName=payload12.txt
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:878 00:03:28:878	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0 Converter12.PayloadFileFormat=HEX_16 Converter13.PayloadFileFormat=HEX_16 Converter13.PayloadFileFormat=HEX_16
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:878 00:03:28:879 00:03:28:880 00:03:28:881	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0 Converter12.PayloadFileFormat=HEX_16 Converter13.PayloadFileFormat=HEX_16 Converter13.PayloadFileName=payload13.txt FILE selected
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:879 00:03:28:880 00:03:28:881	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0 Converter12.PayloadFileFormat=HEX_16 Converter13.PayloadFileName=payload13.txt FILE selected Converter13.PayloadFileName=payload13.txt FILE selected Converter13.LoopPayload=0
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:877 00:03:28:879 00:03:28:880 00:03:28:881 00:03:28:882	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter10.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0 Converter12.PayloadFileFormat=HEX_16 Converter13.PayloadFileFormat=HEX_16 Converter13.PayloadFileFormat=HEX_16 Converter13.PayloadFileName=payload13.txt FILE selected Converter13.LoopPayload=0 Converter13.PayloadFileFormat=HEX_16
#log.info	00:03:28:869 00:03:28:870 00:03:28:872 00:03:28:872 00:03:28:873 00:03:28:874 00:03:28:876 00:03:28:876 00:03:28:878 00:03:28:889 00:03:28:881 00:03:28:881 00:03:28:883 00:03:28:884	Payload type Load settings Load settings Payload type Load settings	FILE selected Converter10.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter11.PayloadFileName=payload11.txt FILE selected Converter11.LoopPayload=0 Converter11.PayloadFileFormat=HEX_16 Converter12.PayloadFileName=payload12.txt FILE selected Converter12.LoopPayload=0 Converter12.PayloadFileFormat=HEX_16 Converter13.PayloadFileName=payload13.txt FILE selected Converter13.PayloadFileName=payload13.txt FILE selected Converter13.LoopPayload=0 Converter13.PayloadFileFormat=HEX_16 Converter14.PayloadFileFormat=HEX_16

#log.info 00:03:28:887 Load settings Converter15.PayloadFileName=payload15.txt
#log.info 00:03:28:888 Payload type FILE selected
#log.info 00:03:28:889 Load settings Converter15.LoopPayload=0
$\verb #log.info 00:03:28:890 Load settings Converter 15. Payload File Format = HEX_16$
#log.info 00:03:28:891 Load settings L = 4
#log.info $00:03:28:891$ Load settings $F = 8$
#log.info 00:03:28:892 Load settings M = 16
#log.info 00.03.28.892 Load settings CS = 0
#log.info 00:03:28:892 Load settings N = 16
#log.info 00:03:28:893 Load settings N_total = 16
#log.info 00:03:28:893 Load settings S = 1
#log.info 00:03:28:893 Load settings HD = 1
$\#log.info\ 00.03:28:894\ Load\ settings\ CF=0$
$\#log.info\ 00:03:28:894\ Load\ settings\ E=1$
#log.info 00:03:28:894 Load settings NumberOfExtMultiblocks = 1000
$\#log.info\ 00:03:28:895\ Load\ settings\ CmdChannelSingleLaneMode = 1$
$\#log.info\ 00.03:28:895\ Load\ settings\ ReverseReportBits = 0$
#log.info 00:03:28:895 Load settings Verbose = 0
#log.info 00:03:28:895 Load settings OversamplePayloads = 1
#log.info 00:03:28:896 Load settings IdleType = PayloadLoop
#log.info 00:03:28:896 Load settings ControlChannelMode = DeviceControlChannel
#log.info 00:03:28:896 Load settings Tailbits = high
#log.info 00:03:28:897 Load settings LimitSavePayloadSize = 1
#log.info 00:03:28:897 Load settings CmdWordInputFileName = input_command_words.txt
#log.info 00:03:28:897 Load settings TxReportFileName = TX_frame_report_file.txt
#log.info 00.03.28:897 Load settings Lane0.TxFrameFileName = TX0_frame_file.txt
#log.info 00:03:28:898 Load settings BusWidthBytes = 4
#log.info 00:03:28:898 Load settings SyncWordMode = MODE_CMD_CHANNEL
#log.info 00:03:28:898 Load settings TxFrameCaptureStartTrigger = TRIGGER_EMB_START
#protocol.info 00:03:28:899
#protocol.info 00:03:28:899 JESD204C Setup done
#protocol.info 00:03:28:899 Generation of multiblocks started
#protocol.info 00:03:29:517 25600 bytes generated
#protocol.info 00:03:30:146 51200 bytes generated
#protocol.info 00:03:30:770 76800 bytes generated
#protocol.info 00:03:31:394 102400 bytes generated
#protocol.info 00:03:32:017 128000 bytes generated
#protocol.info 00:03:32:642 153600 bytes generated
#protocol.info 00:03:33:268 179200 bytes generated
#protocol.info 00:03:33:932 204800 bytes generated
#protocol.info 00:03:34:558 230400 bytes generated
#protocol.info 00:03:35:183 256000 bytes generated
#protocol.info 00:03:35:186 JESD204C Generation completed successfully
#protocol.info 00:03:35:186 JESD204C frames generation done
#testcase.run 00:03:35:192 Done test hit 5 JESD204C TX. Generate. Stimulus
#testcase.run 00:03:35:192 Start test hit 6 JESD204C_TX_Start
#apix.jesd204c.tx.start
#apix.jesd204c.tx.getState

 $\# test case.run\ 00:03:35:926\ Done\ test\ hit\ 6\ JESD204C_TX_Start$

#testcase.run 00:03:35:927 Start test hit 7 JESD204C_TX_Poll_State
#apix.jesd204c.tx.getState
$\#log.info\ 00:03:35:927\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:03:36:937\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:37:946 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:38:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:39:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:40:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:41:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:42:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:43:947 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:44:956 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:45:966 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:46:975 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:47:975 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:48:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:49:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:50:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:51:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:52:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:53:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:54:986 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:55:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:56:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:57:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:03:58:985 Tx FSM state = STREAMING in lane 0

#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:03:59:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.04:00:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:01:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:02:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:03:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:04:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:05:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:06:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:07:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.04:08:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:09:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:10:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:11:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:12:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:13:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:14:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:15:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:16:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:17:985 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:18:985\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:19:994 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:21:004 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:22:013 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:23:023 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING

$\#log.info\ 00:04:24:032\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:25:042\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.04:26:051\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:27:061 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:28:070\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:29:080 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:30:080 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:31:079 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:32:079 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:33:079 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:34:089 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:35:098 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:36:108 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:37:117 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:38:117 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:39:118\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:40:118\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:41:128 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:42:137\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:43:147\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:44:146 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:45:156\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:46:165 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:47:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:48:185 Tx FSM state = STREAMING in lane 0

#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:49:194 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:50:203\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:51:213 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:52:222\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.04:53:232\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:54:241\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:55:251 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:56:261 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:04:57:270\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:58:280 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:04:59:289 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:00:299 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:01:308 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:02:318 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:03:327 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:04:337 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:05:346 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:06:356 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:07:365 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:08:375 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.05:09:384\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:10:384\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:11:384\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:12:384 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING

$\#log.info\ 00:05:13:384\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:14:394 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:15:394 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:16:394\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:17:394\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:18:394\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:19:394 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:20:395\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:21:395\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:22:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:05:23:395\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:24:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:25:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:26:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:27:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:28:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:29:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:30:395 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:31:404 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:32:414 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:33:423 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:34:433 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:35:442 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:36:452 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:05:37:461 Tx FSM state = STREAMING in lane 0

#apix.jesd204c.tx.getState STREAMING

 $\#log.info\ 00:05:38:471\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$