



Test Plan Execution Report

Test Project: VISIONSDK

Test Plan: PSDKV_Test_Plan_3_7_1_Functional_TDA2xx

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2017 (c) Testlink Community

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Test Project: VISIONSDK

Project: VISIONSDK Location: TII Owner: Sivasankaran, Shiju

Test Plan: PSDKV_Test_Plan_3_7_1_Functional_TDA2xx

TDA2xx Functional Test Plan

Will cover all functional test for tda2xx-evm

1.1.Test Suite : Radar

Test Case VISIONSDK-345: Cascade_Radar_AR12_Capture_Null			
Summary:			
Cascade Radar Capture Null UC			
Input : AR12			
Output : Null			
Supported on : TDA2x Cascade Radar board			
#:	Step actions:	PASS/FAIL Criteria:	Execution Status:
1	Boot TDA2x Cascade radar board	Shoul display Main Menu	
2	Run "9: Cascade Radar (4 AWR1243) Capture + Null (TDA2xx Only)" UC	No Display	
4	Press "P"	Check performance stats	
Execution type:	Manual		
Estimated exec. duration (sec):			
Priority:	Medium		
Requirements	ADASVISION-1853: [RADAR] VSDK to support TDA2x cascade radar ADASVISION-2058: Support Radar front end and algorithm configurations to be read from file		
Keywords:	None		
Execution Details			
Build	REL_3_7_1		
Tester	x0284921		
Execution Result:	Passed		
Execution Mode:	Manual		
Execution duration (sec):			

Test Case VISIONSDK-361: Cascade_Radar_AR12_Capture_Null_Using_Radar_Studio			
<u>Summary:</u>			
Cascade Radar Capture Null UC using Radar Studio			
Input : AR12			
Output : Null			
Supported on : TDA2x Cascade Radar board			
<u>Preconditions:</u> Radar studio should be installed on PC AWR config should come from Radar Studio			
<u>#:</u>	<u>Step actions:</u>	<u>PASS/FAIL Criteria:</u>	<u>Execution Status:</u>
1	Boot TDA2x Cascade radar board	Shoul display Main Menu	
2	From Radar studio, start sending NW cmd	Should be recieved by cascade board & behave accordingly	
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (sec):</u>			
<u>Priority:</u>	Medium		
<u>Requirements</u>	ADASVISION-2101: [RADAR] Cascade Radar control via Radar Studio		
<u>Keywords:</u>	None		

Execution Details	
Build	REL_3_7_1
Tester	x0284921
<u>Execution Result:</u>	Passed
<u>Execution Mode:</u>	Manual
<u>Execution duration (sec):</u>	

Test Case VISIONSDK-373: Radar_Studio_Advanced_Features_Test_With_Cascade_Radar

Summary:

Radar Studio Advanced Features Test With Cascade Radar

Input : AR12

Output : Null

Supported on : TDA2x Cascade Radar board

Preconditions:

Radar studio should be installed on PC AWR config should come from Radar Studio

<u>#:</u>	<u>Step actions:</u>	<u>PASS/FAIL Criteria:</u>	<u>Execution Status:</u>
1	Boot TDA2x Cascade radar board	Shoul display Main Menu	
2	From Radar studio, start sending NW cmd	Should be recieved by cascade board & behave accordingly	
3	Enable Monitoring reports from Studio. Trigger Slave 1 Trigger Slave 2 Trigger Slave 3 Trigger Master Wait for monitoring reports	There should not be any crash observed for lower or higher monitoring rates	
4	Use ContStreaming Tab to configure CW mode. Use RadarStudio user guide. Trigger Slaves Trigger Master	CW streaming mode should be enabled in TDA2 capture software	
5	Check PCIe raw data capture throughput for TDA2x Cascade radar board	It should be around 4 Gbps.	

<u>Execution type:</u>	Manual
<u>Estimated exec. duration (sec):</u>	
<u>Priority:</u>	Medium
<u>Requirements</u>	None
<u>Keywords:</u>	None
Execution Details	
Build	REL_3_7_1
Tester	x0284921
<u>Execution Result:</u>	Passed
<u>Execution Mode:</u>	Manual
<u>Execution duration (sec):</u>	