ARM VALIDATION CHECK Created by: RVC/NhanLe

	Target GPU			1						
	1st category		2nd category		3rd category		TM Name	Judged by	Confirmation Method	Remark
No.		No.	(Test case name)	No.	(Test case explanation)	Judgment TM	TW Name	<u> </u>	Committation Method	Kelliaik
1	GPU Function Check	1	Add operation	1	Test the ADD operation of the ALU.			Nguyễn Thanh Thảo Nhi	Waveform	
		2	Substract operation	2	Test the SUB operation of the ALU.			Nguyễn Thanh Thảo Nhi	Waveform	
		3	And operation	3	Test the bitwise AND operation of the ALU.			Nguyễn Thanh Thảo Nhi	Waveform	
		4	Or operation	4	Test the bitwise OR operation of the ALU.			Nguyễn Thanh Thảo Nhi	Waveform	
		5	Zero Flag active when adding	5	Test if the zero flag is set correctly after an ADD operation resulting in zero.			Nguyễn Thanh Thảo Nhi	Waveform	
		6	Zero Flag active when subtracting	6	Test if the zero flag is set correctly after an SUBSTRACT operation resulting in zero.			Nguyễn Thanh Thảo Nhi	Waveform	
		7	Zero Flag active when and operating	7	Test if the zero flag is set correctly after an AND operation resulting in zero.			Nguyễn Thanh Thảo Nhi	Waveform	
		8	Zero Flag active when or operating	8	Test if the zero flag is set correctly after an OR operation resulting in zero.			Nguyễn Thanh Thảo Nhi	Waveform	
		9	Invalid control signals	9	Test the ALU when the control signal does not correspond to one of the four specified operations			Nguyễn Thanh Thảo Nhi	Waveform	
		10	Negative clock signal	10	Test whether the ALU operates with negative clock signal					
		11		11						
		12		12						
		13		13						
		14		14						
		15		15						
		16		16						
		17		17						
		18		18				1		
		19		19				1		