



TekExpress HDM

Source Test Report

Setup Information			
DUT ID	DUT001	Scope Model	DPO71604C
Date/Time	2019-02-23 09:21:11	Scope Serial Number	B110695
Device Type	HDM Physical Layer Solution	SPC, FactoryCalibration	PASS;PASS
TekExpress Version	HDM:3.0.1.23 Framework:3.0.2.96	Scope F/W Version	7.6.0 Build 7
Spec Version	CTS 2.0	DPOJET Version	7.1.2.38
Overall Compliance Mode	Yes	Probe1 Model	P7313SMA
Execution Mode	Live	Probe1 Serial Number	B022381
Overall Execution Time	0:02:50	Probe2 Model	P7313SMA
Overall Test Result	Pass	Probe2 Serial Number	B022380
		Probe3 Model	P7313SMA
		Probe3 Serial Number	B020646
		Probe4 Model	P7313SMA
		Probe4 Serial Number	B021133
DUT COMMENT:	General Comment – HDM2.0 Source		

Test Name Summary Table		
Test Name	Result	Execution Time
HF1-7- Clock Jitter	Pass	0:02:13

HF1-7- Clock Jitter										
Lane Name	Measurement Details	Measured Value	Units	TBit	Data Rate	Test Result	Margin	Low Limit	High Limit	Comments
Clock	TMDS Clock Jitter at TP2	34.9896	ps	168.5187 ps	5.94 Gbps	Pass	-15.5660	-	50.5556	
Clock	TMDS Clock Jitter at TP2	0.2076	TBit	168.5187 ps	5.94 Gbps	Pass	-0.0924	-	0.3000	
Clock	TMDS VSwing at TP1	574.9497	mV	168.5187 ps	5.94 Gbps	Pass	174.95 & 625.05	400.00	1200.00	
COMMENTS										

[Back to Summary Table](#)

HF1-7- Clock Jitter
Waveform Plot for Clock Duty Cycle and Clock Rate

