

Infiniium Scope Report

Setup

Scope Configuration

Oscilloscope Model	DSO91304A
Software Revision	06.40.01001
Serial Number	MY57220112
Calibration Status	calibrated

Calibration

Frame Calibration Status

Category	Status	Temp	Date
Calibration	Calibrated	0.8°C	14 FEB 2020 16:15:45
TimeScale	Calibrated	0.8°C	14 FEB 2020 16:15:45

Channel Calibration Status

Connector	Vertical	Trigger
Channel 1	Passed	Passed
Channel 2	Passed	Passed
Channel 3	Passed	Passed
Channel 4	Passed	Passed
Aux		Passed

Probe Calibration Status

Channel	Probe	DC Attenuation/Offset Cal	Skew Cal	AC Response Cal
Channel 1	1134B	Uncalibrated; Attenuation: 10:1	Uncalibrated	Calibrated; Automatic Probe Correction

Acquisition	
Sampling Mode	Real Time
Acquisition Mode	Normal
Acquisition Bit Resolution	Automatic
Sin(x)/x Interpolation	Auto
Sampling Rate	40.00 GSa/s
Memory Depth	358895 pts

Horizontal Setup	
Scale	100 ns/
Position	0.0 s
Reference	50%

Individual Channel Bandwidth Limits			
Channel	Limit Type	Bandwidth Limit	Limit Filter
Channel 1	Off	13.0 GHz	Brick Wall

Channel Setup							
Channel	Invert	Signal Type	Scale	Offset	Skew	Impedance	Coupling
Channel 1	Off	Unspecified	100 mV/	0.0 V	0.0 s	50 Ω	DC

Probe Setup				
Channel	Probe Model	Serial Number	Probe Head	Setup
Channel 1	1134B	US55390134	Head1 (N5425A/B:ZIF, ZIF Tip)	Mode: Single-Ended, Bandwidth: 7.0 GHz, Probe Amp: 7 GHz, US55390134

Trigger Setup	
Mode	Setup
	Sweep Auto, Sensitivity Low, Holdoff Time 100 ns, Edge, Source Channel 1, Level 0.0 V, Slope Rising

General Thresholds		
Applied To	Threshold Type	Information
Channel 1	Custom: threshold +/- hysteresis	Hysteresis: +/-28.9264 mV; Threshold: 0.0 V

Analysis Setup

Clock Recovery

Applied To	Preset	Clock Recovery Method	Clock Recovery Details
Channel 1	Custom	Second Order PLL	Nominal Data Rate: 1.393200000 Gb/s, PLL Specification: OJTF, Loop Bandwidth: 835.9 kHz, Loop Bandwidth Divider: 1.66671 k, Damping Factor: 707 m, Transient Density Dependent: Off, PLL Settling Time: 5.00 T,

Serial Data Analysis Setup

Waveform	Clock Recovery	Real-Time Eye Setup
Channel 1	Second Order PLL	Scale: 2.00 UI, Position: 0.0 UI, Real-Time Eye Bits: All

Results

