

HDMI Electrical Tests

Vendor	Oscilloscope	Probe	Compliance sw	Waveform Generator	Comments
Tektronix	TDS6804B	P7313SMA	TDSHT3	AWG710B	4 ch. 8GHz bandwidth
	DPO70804C	P7380SMA		AWG7100 AWG7051	13GHz
		TCA-SMA	SMA probe		18GHz
		TCA-292MM	SMA Probe		20GHz
Agilent	DSO80804B	E2694A	N5399A	86105B	4 ch. 8GHz bandwidth
	DSO81304B		N5380A		13GHz, 12, 10 GHz
	DSO81204B				12GHz
	DSO81004B				10 GHz
Lecroy	808Zi-A	SMA	SDA-HDMI		4 ch. 8GHz bandwidth
	813Zi-A				
	816Zi-A				

HDMI Protocol Audio Video, PAV analyzer from Agilent

HDMI Ver.	Tool	
1.4a	N5998A	Older generation which does not cover 4Kx2K & 3D video format timing
1.4b	U4998A	includes 4k x 2K , deep color at max. of 3.4Gbps

HDCP Compliance test tools

Panasonic	UITA-2000	Universal Interoperability Test Analyzer
Quantum	882EA	Video Test ersal Interoperability Test Analyzer

Default system requirement for resolutions upto 1080p

TF-HDMI-3.3V is not required when using Lecroy system with Zebax ZX201L or ZX201SL breakout adapters

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