



**QUANTA
LABORATORIES**

Acc3199 De La Cruz Boulevard • Santa Clara, CA 95054-2483

TEL: (408) 988-0770

FAX: (408) 988-0762

E-MAIL: test@quantalabs.com

Certificate of Conformance

This is to certify that the results from the test(s) requested by

DIGITAL POWER are on file under
Quanta Laboratories Job No. QL-16-0507 and conform
to the specification(s) stated in P.O. No. 47402

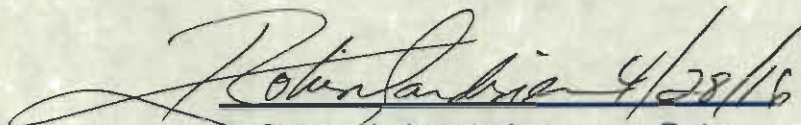
These results apply to the following equipment and are
available for review upon request.

Model No: Power Supply (Model No.: QP270-0524, Revision A)

S/N: NA

***** Random Vibration & Shock Tests *****

(Project: Gainspeed, Adair)


Quanta Laboratories Date

Random Vibration Test



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CLIENT: Digital Power			P.O. NO: 47402	
SPECIMEN: Power Supply (Model No.:QP270-0524, Revision A)			JOB NO: QL-16-0507	
SPECIFICATION: Digital Power's Specification (Comcast Requirement)			PAGE 1 OF 2	
DATE	S/N	AXIS	FREQUENCIES & LEVELS	REMARKS
04/27/2016	NA	X	5—2000Hz@ 6.3Grms (Flat Curve) 5—2000Hz @ 0.01989 g ² /Hz At full level: 90 minutes/Axis	NON-Operational Test. Test completed to the specification requirements. Results are representative of model QP 130-0524 which is identical to model QP270-0524 without the cover and misc. materials.
		Y		
		Z		
See Pictures		TEST CONDUCTOR:	<i>Charlie Yang</i> Charlie Yang	DATE: 04-27-2016
		TEST ENGINEER:	<i>[Signature]</i>	DATE: 04-27-2016
		WITNESS:		DATE:
		Q. A. ENGINEER:	Robin Gardiner Quanta Laboratories	DATE: 04-27-2016
DEFINITION OF AXES				

Mechanical Shock Test



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CLIENT: Digital Power				P.O. NO: 47402
SPECIMEN: Power Supply (Model No.:QP270-0524, Revision A)				JOB NO: QL-16-0507
SPECIFICATION: Digital Power's Specification (Comcast Requirement)				PAGE 2 OF 2
DATE	S/N	AXIS	LEVEL & DURATION	REMARKS
04/27/2016	NA	±X	HALF SINE WAVE SHOCK: 63 G, 2 mSec. At full level: 3 impacts/Direction	NON-Operational Test. Test completed to the specification requirements. Results are representative of model QP 130-0524 which is identical to model QP270-0524 without the cover and misc. materials.
		±Y		
		±Z		
See Pictures		TEST CONDUCTOR:	<i>Charles Yang</i> Charles Yang	DATE: 04-27-2016
		TEST ENGINEER:	<i>Sullivan</i>	DATE: 04-27-2016
		WITNESS:		DATE:
		Q. A. ENGINEER:	Robin Gardiner Quanta Laboratories	DATE: 04-27-2016
DEFINITION OF AXES				

Digital Power
Vibration & Shock Test



X -- Axis



Y -- Axis



Z -- Axis

JOB NO. : QL-16-0507

04-27-2016

QUANTA LABORATORIES EQUIPMENT LIST



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Client:	DIGITAL POWER		P.O. NO:	47402		
			JOB NO.:	QL-16-0507		
DIGITAL SYSTEM LIST						
Device Type	Description	Make & Model	Range	Asset #	Series #	Due Date
Shaker Control System	VC-03	Dactron Dual DSP 8 Inputs	0.1Hz - 3 KHz RES. 0.1dB	QL-0650	8204911	08/13/2016
Current Source	VC-03	Dytran 4123 12 Inputs		QL-0293	126	06/15/2016
MECHANICAL SYSTEM LIST						
Device Type	Description	Make & Model	Range	Asset #	Series #	Due Date
Shaker Amplifier	Blue 300	Ling PP35/70		QL-0150	34	Time of Test
Electrodynamic Shaker	Blue 300	Ling B-300	5Hz - 3 KHz	QL-0152	52	Time of Test
SENSOR LIST						
Device Type	Description	Make & Model	Range	ASSET #	SERIAL #	DUE DATE
Accelerometers	Single-Axial	DYTRAN 3030B4	5~2000 Hz 500 G	QL-0754	16204	02/04/2017



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Quanta Laboratories Test Report

Quanta Laboratories submits this report with our Certificate of Conformance to the requirements of the applicable specifications and with appropriate supporting data, but with no other expressed or implied warranty. Customer assumes full responsibility when using or interpreting the data herein for evaluation and/or reporting purposes.

End of Report
QL-16-0507
