



Wake up your further dream.



LDA-602

6~6000MHz SMA 63dB,0.5dB/Step USB Digital Attenuator

Certificate of Calibration				
Certificate # 130920-001				
9/20/2013				
Customer:		Woken Technology, Inc.		
Equipment:		Model Number: LDA-602 Serial Number: 4933 Control Number: N/A		
Method/Environment				
Location:		In Lab		
Temperature:		22C		
Relative Humidity:		35%		
Calibration				
Calibration Date:		9/20/2013		
Calibration Due:		9/20/2014		
Tested By:		Elaine Graham		
Approved By:				
Standards Used in Calibration				
ID	Description	Report#	Calibration Due	
00022	HP 437B Power Meter	536097	9/16/2013	
00021	HP 8564E Spectrum Analyzer	536568	9/16/2013	
00102	HP 8485A Power Sensor	536088	9/16/2013	
0067	HP8714C Network Analyzer	536082	9/16/2013	
The results above relate only to the item calibrated. This Certifies that the unit conformed to applicable specifications upon successful completion of the calibration. The standards used are traceable to NIST or a National Measurement Institute.				
Vaunix Vaunix Technology Corporation 242 Neck Road Haverhill, MA 01835 978-662-7839 www.vaunix.com Lab Brick Test Equipment				



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Test Points					
Item	Function Tested	Requirement	As Found	As Left	Result
1	Insertion Loss - 1 GHz	< 7dB	5.4	5.4	Pass
2	Insertion Loss - 2 GHz	< 8dB	5.7	5.7	Pass
3	Insertion Loss - 3 GHz	< 9dB	7.1	7.1	Pass
4	Insertion Loss - 4 GHz	< 10dB	7.6	7.6	Pass
5	Insertion Loss - 5 GHz	< 10dB	8.40	8.4	Pass
6	Insertion Loss - 6 GHz	< 10dB	8.20	8.2	Pass
7	Attenuation 10 dB - 1 GHz	+/-0.8 dB	10.15	10.15	Pass
8	Attenuation 20 dB - 1 GHz	+/-1.3 dB	20.10	20.1	Pass
9	Attenuation 30 dB - 1 GHz	+/-1.8 dB	29.91	29.91	Pass
10	Attenuation 40 dB - 1 GHz	+/-2.3 dB	39.61	39.61	Pass
11	Attenuation 50 dB - 1 GHz	+/-2.8 dB	49.80	49.8	Pass
12	Attenuation 60 dB - 1 GHz	+/-3.3 dB	58.90	58.9	Pass
13	Attenuation 10 dB - 2 GHz	+/-0.8 dB	10.17	10.17	Pass
14	Attenuation 20 dB - 2 GHz	+/-1.3 dB	20.26	20.26	Pass
15	Attenuation 30 dB - 2 GHz	+/-1.8 dB	30.03	30.03	Pass
16	Attenuation 40 dB - 2 GHz	+/-2.3 dB	40.12	40.12	Pass
17	Attenuation 50 dB - 2 GHz	+/-2.8 dB	50.89	50.89	Pass
18	Attenuation 60 dB - 2 GHz	+/-3.3 dB	59.70	59.7	Pass
19	Attenuation 10 dB - 3 GHz	+/-0.8 dB	10.10	10.1	Pass
20	Attenuation 20 dB - 3 GHz	+/-1.3 dB	20.28	20.28	Pass
21	Attenuation 30 dB - 3 GHz	+/-1.8 dB	30.04	30.04	Pass
22	Attenuation 40 dB - 3 GHz	+/-2.3 dB	39.57	39.57	Pass
23	Attenuation 50 dB - 3 GHz	+/-2.8 dB	49.45	49.45	Pass
24	Attenuation 60 dB - 3 GHz	+/-3.3 dB	58.70	58.7	Pass
25	Attenuation 10 dB - 4 GHz	+/-0.8 dB	9.81	9.81	Pass
26	Attenuation 20 dB - 4 GHz	+/-1.3 dB	20.10	20.1	Pass
27	Attenuation 30 dB - 4 GHz	+/-1.8 dB	29.81	29.81	Pass
28	Attenuation 40 dB - 4 GHz	+/-2.3 dB	39.76	39.76	Pass
29	Attenuation 50 dB - 4 GHz	+/-2.8 dB	49.50	49.5	Pass
30	Attenuation 60 dB - 4 GHz	+/-3.3 dB	59.10	59.1	Pass
31	Attenuation 10 dB - 6 GHz	+/-0.8 dB	10.18	10.18	Pass
32	Attenuation 20 dB - 6 GHz	+/-1.3 dB	20.40	20.4	Pass
33	Attenuation 30 dB - 6 GHz	+/-1.8 dB	30.48	30.48	Pass
34	Attenuation 40 dB - 6 GHz	+/-2.3 dB	40.43	40.43	Pass
35	Attenuation 50 dB - 6 GHz	+/-2.8 dB	50.70	50.7	Pass
36	Attenuation 60 dB - 6 GHz	+/-3.3 dB	61.20	61.2	Pass

Vaunix Technology Corporation



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