



3317 Chanate Rd, Suite 2F
 Santa Rosa, CA 95404
 707-546-1050
 www.ladybug-tech.com

Calibration Data Report

Certificate Number: NA NA NA NA

Model **Serial Number** **Calibration Date**
 LB5944A NA NA NA 22-May-2020

Reflection Coefficient:

Frequency	Nominal	Low Limit	Measured Value	High Limit	Uncertainty (K=2)	Units	Result
5 MHz	0	0	0.003	0.061	0.008	Linear	pass
10 MHz	0	0	0.003	0.061	0.008	Linear	pass
50 MHz	0	0	0.003	0.061	0.008	Linear	pass
100 MHz	0	0	0.003	0.061	0.008	Linear	pass
1000 MHz	0	0	0.012	0.061	0.008	Linear	pass
2000 MHz	0	0	0.018	0.061	0.008	Linear	pass
3000 MHz	0	0	0.017	0.082	0.008	Linear	pass
4000 MHz	0	0	0.021	0.082	0.008	Linear	pass
5000 MHz	0	0	0.028	0.082	0.008	Linear	pass
6000 MHz	0	0	0.034	0.082	0.008	Linear	pass
7000 MHz	0	0	0.038	0.082	0.008	Linear	pass
8000 MHz	0	0	0.040	0.082	0.008	Linear	pass
9000 MHz	0	0	0.036	0.103	0.008	Linear	pass
10000 MHz	0	0	0.022	0.103	0.008	Linear	pass
12000 MHz	0	0	0.018	0.103	0.008	Linear	pass
14000 MHz	0	0	0.035	0.103	0.008	Linear	pass
16000 MHz	0	0	0.044	0.126	0.008	Linear	pass
18000 MHz	0	0	0.057	0.126	0.008	Linear	pass
20000 MHz	0	0	0.094	0.126	0.010	Linear	pass
22000 MHz	0	0	0.096	0.148	0.010	Linear	pass
24000 MHz	0	0	0.094	0.148	0.010	Linear	pass
26000 MHz	0	0	0.106	0.148	0.010	Linear	pass
28000 MHz	0	0	0.117	0.196	0.012	Linear	pass
30000 MHz	0	0	0.110	0.196	0.012	Linear	pass
32000 MHz	0	0	0.107	0.224	0.013	Linear	pass
34000 MHz	0	0	0.084	0.224	0.013	Linear	pass
36000 MHz	0	0	0.071	0.224	0.013	Linear	pass
38000 MHz	0	0	0.076	0.224	0.013	Linear	pass
40000 MHz	0	0	0.074	0.224	0.015	Linear	pass
42000 MHz	0	0	0.113	0.267	0.015	Linear	pass
44000 MHz	0	0	0.193	0.267	0.015	Linear	pass

Example Data
Not Valid



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Reference Level (measured at -20 dBm):

Frequency	Nominal	Low Limit	Measured Value	High Limit	Uncertainty (K=2)	Units	Result
5 MHz	0	-0.208	-0.014	+0.198	-0.064 / +0.063	dB	pass
10 MHz	0	-0.208	-0.010	+0.198	-0.064 / +0.063	dB	pass
50 MHz	0	-0.211	-0.027	+0.201	-0.061 / +0.060	dB	pass
100 MHz	0	-0.211	-0.024	+0.201	-0.061 / +0.060	dB	pass
1000 MHz	0	-0.201	-0.017	+0.192	-0.061 / +0.060	dB	pass
2000 MHz	0	-0.201	-0.024	+0.192	-0.061 / +0.060	dB	pass
3000 MHz	0	-0.206	-0.023	+0.197	-0.061 / +0.060	dB	pass
4000 MHz	0	-0.212	-0.020	+0.202	-0.061 / +0.060	dB	pass
5000 MHz	0	-0.212	-0.017	+0.202	-0.061 / +0.060	dB	pass
6000 MHz	0	-0.212	-0.004	+0.202	-0.061 / +0.060	dB	pass
7000 MHz	0	-0.212	+0.002	+0.202	-0.061 / +0.060	dB	pass
8000 MHz	0	-0.212	-0.005	+0.202	-0.061 / +0.060	dB	pass
9000 MHz	0	-0.212	+0.010	+0.202	-0.061 / +0.060	dB	pass
10000 MHz	0	-0.222	+0.041	+0.211	-0.061 / +0.060	dB	pass
12000 MHz	0	-0.244	+0.009	+0.231	-0.088 / +0.086	dB	pass
14000 MHz	0	-0.344	-0.013	+0.319	-0.088 / +0.086	dB	pass
16000 MHz	0	-0.344	+0.030	+0.319	-0.088 / +0.086	dB	pass
18000 MHz	0	-0.344	-0.005	+0.319	-0.088 / +0.086	dB	pass
20000 MHz	0	-0.401	+0.040	+0.367	-0.111 / +0.108	dB	pass
22000 MHz	0	-0.401	-0.017	+0.367	-0.111 / +0.108	dB	pass
24000 MHz	0	-0.401	-0.032	+0.367	-0.111 / +0.108	dB	pass
26000 MHz	0	-0.401	-0.142	+0.367	-0.111 / +0.108	dB	pass
28000 MHz	0	-0.411	-0.020	+0.375	-0.121 / +0.118	dB	pass
30000 MHz	0	-0.411	-0.065	+0.375	-0.121 / +0.118	dB	pass
32000 MHz	0	-0.411	-0.037	+0.375	-0.121 / +0.118	dB	pass
34000 MHz	0	-0.421	-0.089	+0.384	-0.121 / +0.118	dB	pass
36000 MHz	0	-0.421	-0.079	+0.384	-0.121 / +0.118	dB	pass
38000 MHz	0	-0.421	-0.062	+0.384	-0.121 / +0.118	dB	pass
40000 MHz	0	-0.421	-0.060	+0.384	-0.121 / +0.118	dB	pass
42000 MHz	0	-0.421	-0.086	+0.384	-0.126 / +0.123	dB	pass
44000 MHz	0	-0.421	-0.070	+0.384	-0.126 / +0.123	dB	pass