

Customer SIR Machine Report

Duration & Interval

Duration:	168 hours
Interval:	20 minutes

Voltage

Bias Voltage:	5v
Measurement Voltage:	5v

Channel Overview

Passing:	39
Warning:	8
Failing:	1

Environmentals

Target Temperature:	40.00 C
Target Humidity:	90 %RH

Measurement Parameters

Pass Limit:	8.000000 Log ₁₀ Ω
Warning Band:	9.000000 Log ₁₀ Ω

Elapsed Time

Started on:	Mon, Dec 30 10:36 AM CST
Completed on:	Mon, Jan 6 10:21 AM CST

Hardware Validation

High Resistance Meter

Status: Online 

Card Controller

Status: Online 

Bias Power Supply

Status: Online 

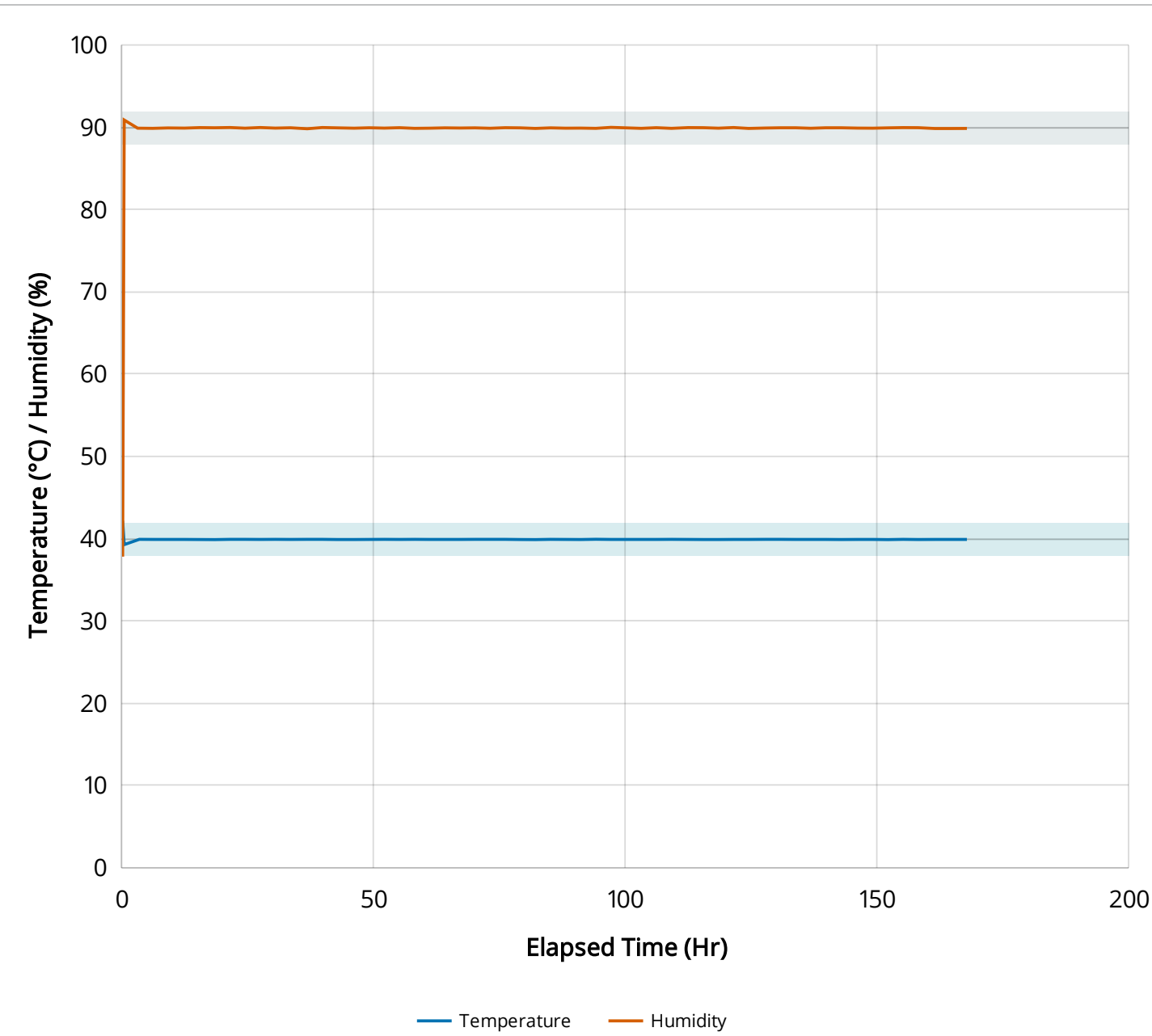
Validation Results

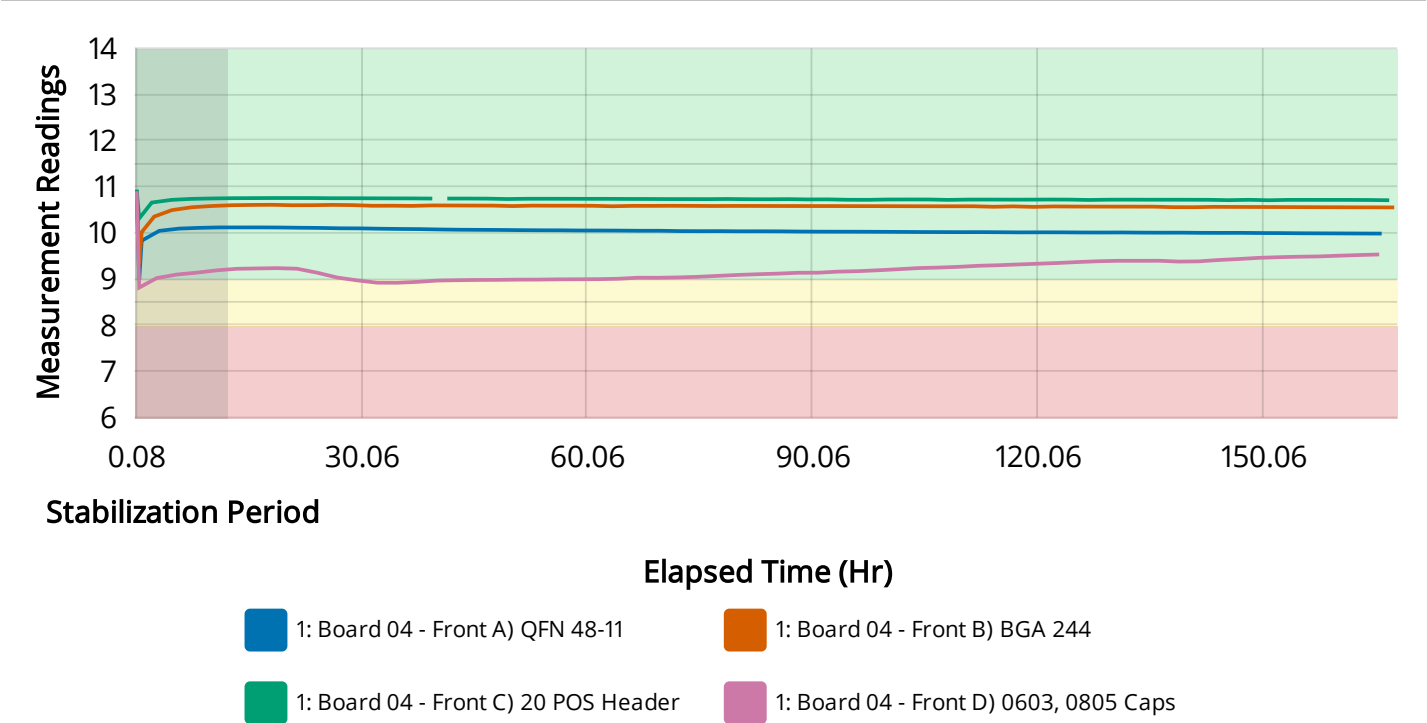
Slot 1 : Board 04 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 2 : Board 04 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 
Slot 3 : Board 08 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 4 : Board 08 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 
Slot 5 : Board 12 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 6 : Board 12 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 
Slot 7 : Board 13 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 8 : Board 13 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 
Slot 9 : Board 14 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 10 : Board 14 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 
Slot 11 : Board 15 - Front	Type : QMP Type B - Front	Open	Pass 	Resistor	Pass 
Slot 12 : Board 15 - Back	Type : QMP Type B - Back	Open	Pass 	Resistor	Pass 

Channel Overview

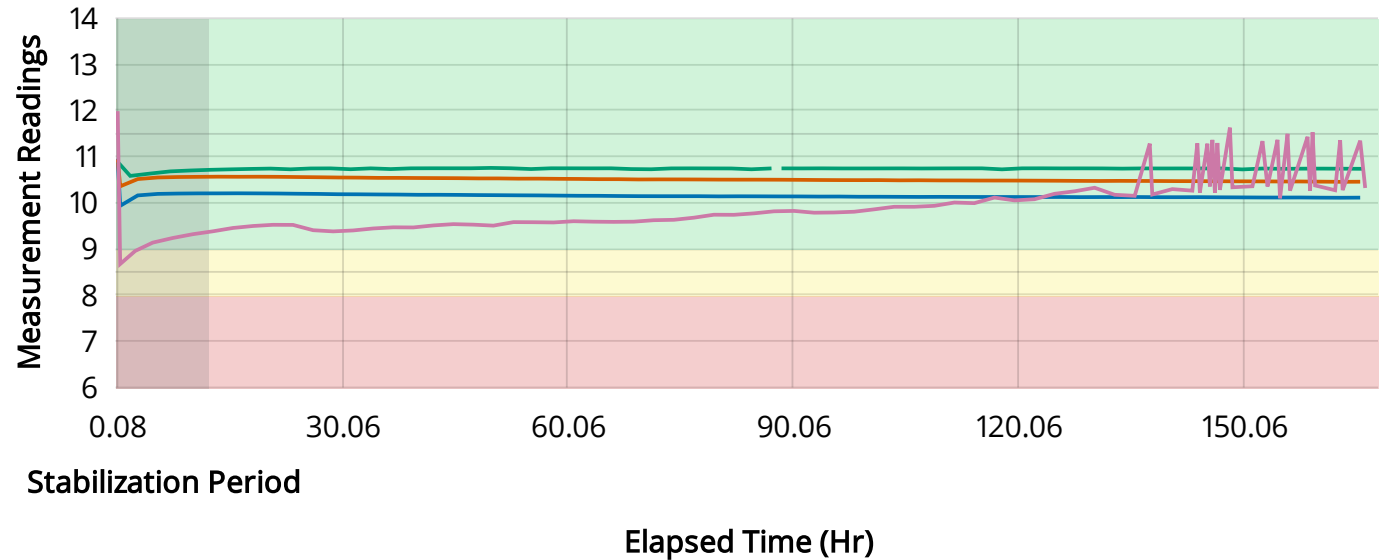
1: Board 04 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
2: Board 04 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps
3: Board 08 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
4: Board 08 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps
5: Board 12 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
6: Board 12 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps
7: Board 13 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
8: Board 13 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps
9: Board 14 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
10: Board 14 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps
11: Board 15 - Front	 QFN 48-11	 BGA 244	 20 POS Header	 0603, 0805 Caps
12: Board 15 - Back	 QFN 48-11	 BGA 244	 20 POS Header	 0201, 0402 Caps

Chamber Environmentals





Channel A	Channel B	Channel C	Channel D
Component: QFN 48-11	Component: BGA 244	Component: 20 POS Header	Component: 0603, 0805 Caps
Measurement Stats	Measurement Stats	Measurement Stats	Measurement Stats
Last Reading: 10.004746 Log ₁₀ Ω	Last Reading: Invalid Reading	Last Reading: 10.729737 Log ₁₀ Ω	Last Reading: 9.565931 Log ₁₀ Ω
Maximum: 10.140701 Log ₁₀ Ω	Maximum: 10.630641 Log ₁₀ Ω	Maximum: 10.775801 Log ₁₀ Ω	Maximum: 9.565931 Log ₁₀ Ω
Minimum*: 10.004299 Log ₁₀ Ω	Minimum*: 10.564681 Log ₁₀ Ω	Minimum*: 10.726346 Log ₁₀ Ω	Minimum*: 8.937162 Log ₁₀ Ω
Median: 10.047790 Log ₁₀ Ω	Median: 10.599404 Log ₁₀ Ω	Median: 10.745832 Log ₁₀ Ω	Median: 9.221283 Log ₁₀ Ω
Mean: 10.057108 Log ₁₀ Ω	Mean: 10.599052 Log ₁₀ Ω	Mean: 10.748963 Log ₁₀ Ω	Mean: 9.222037 Log ₁₀ Ω
StdDev: 0.037306 Log ₁₀ Ω	StdDev: 0.015005 Log ₁₀ Ω	StdDev: 0.013149 Log ₁₀ Ω	StdDev: 0.185497 Log ₁₀ Ω
Variance: 0.001391 Log ₁₀ Ω ²	Variance: 0.000224 Log ₁₀ Ω ²	Variance: 0.000172 Log ₁₀ Ω ²	Variance: 0.034409 Log ₁₀ Ω ²
* Value determines channel color	* Value determines channel color	* Value determines channel color	* Value determines channel color
Measurement Info	Measurement Info	Measurement Info	Measurement Info
Measurement Count: 468	Measurement Count: 468	Measurement Count: 468	Measurement Count: 468
	Errors: 1 (0.2%)	Errors: 1 (0.2%)	



Channel A

Component: QFN 48-11

Measurement Stats

Last Reading: 10.131401 Log₁₀Ω

Maximum: 10.230460 Log₁₀Ω

Minimum*: 10.129460 Log₁₀Ω

Median: 10.158219 Log₁₀Ω

Mean: 10.166601 Log₁₀Ω

StdDev: 0.027381 Log₁₀Ω

Variance: 0.000749 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel B

Component: BGA 244

Measurement Stats

Last Reading: 10.472058 Log₁₀Ω

Maximum: 10.590118 Log₁₀Ω

Minimum*: 10.470339 Log₁₀Ω

Median: 10.518825 Log₁₀Ω

Mean: 10.523825 Log₁₀Ω

StdDev: 0.032000 Log₁₀Ω

Variance: 0.001023 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel C

Component: 20 POS Header

Measurement Stats

Last Reading: 10.760426 Log₁₀Ω

Maximum: 10.777577 Log₁₀Ω

Minimum*: 10.721498 Log₁₀Ω

Median: 10.766463 Log₁₀Ω

Mean: 10.762581 Log₁₀Ω

StdDev: 0.008763 Log₁₀Ω

Variance: 0.000076 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Errors: 1 (0.2%)

Channel D

Component: 0201, 0402 Caps

Measurement Stats

Last Reading: 10.338763 Log₁₀Ω

Maximum: 11.649671 Log₁₀Ω

Minimum*: 9.386954 Log₁₀Ω

Median: 9.810154 Log₁₀Ω

Mean: 9.895148 Log₁₀Ω

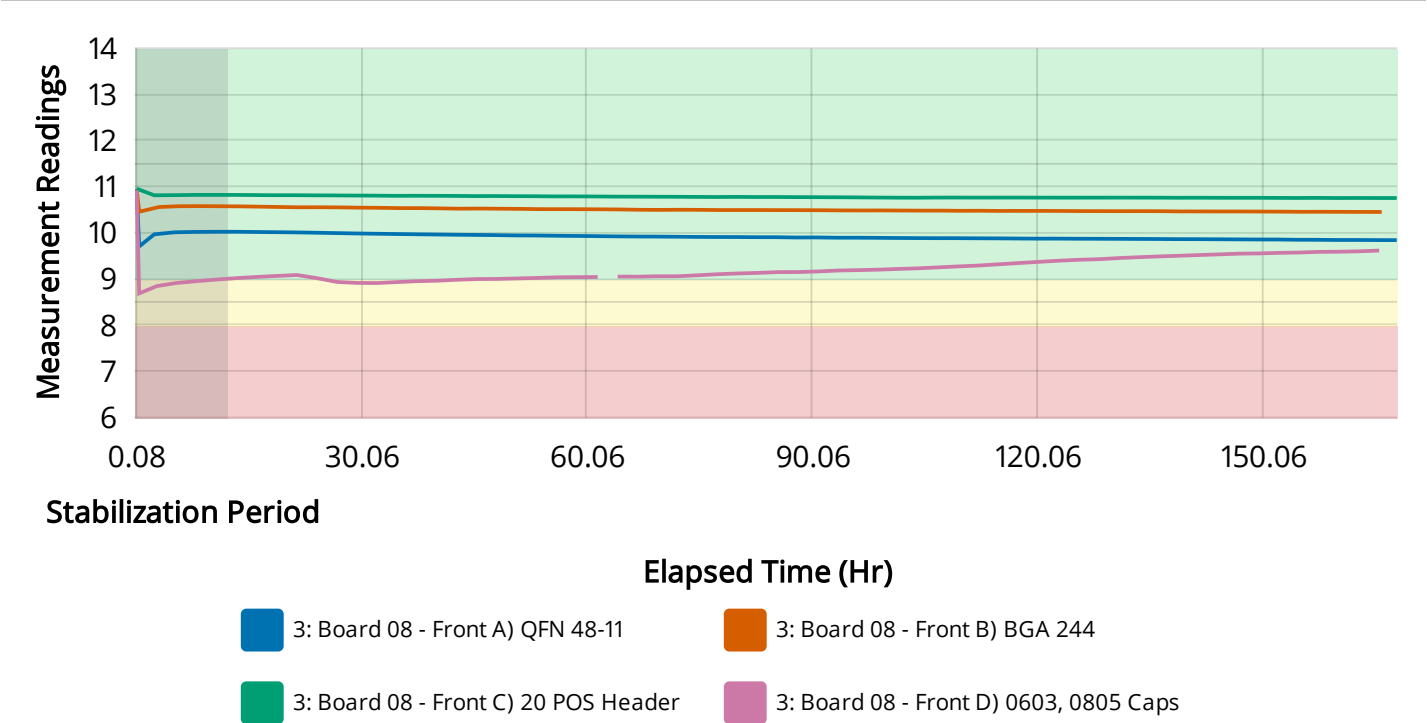
StdDev: 0.412029 Log₁₀Ω

Variance: 0.169768 Log₁₀Ω²

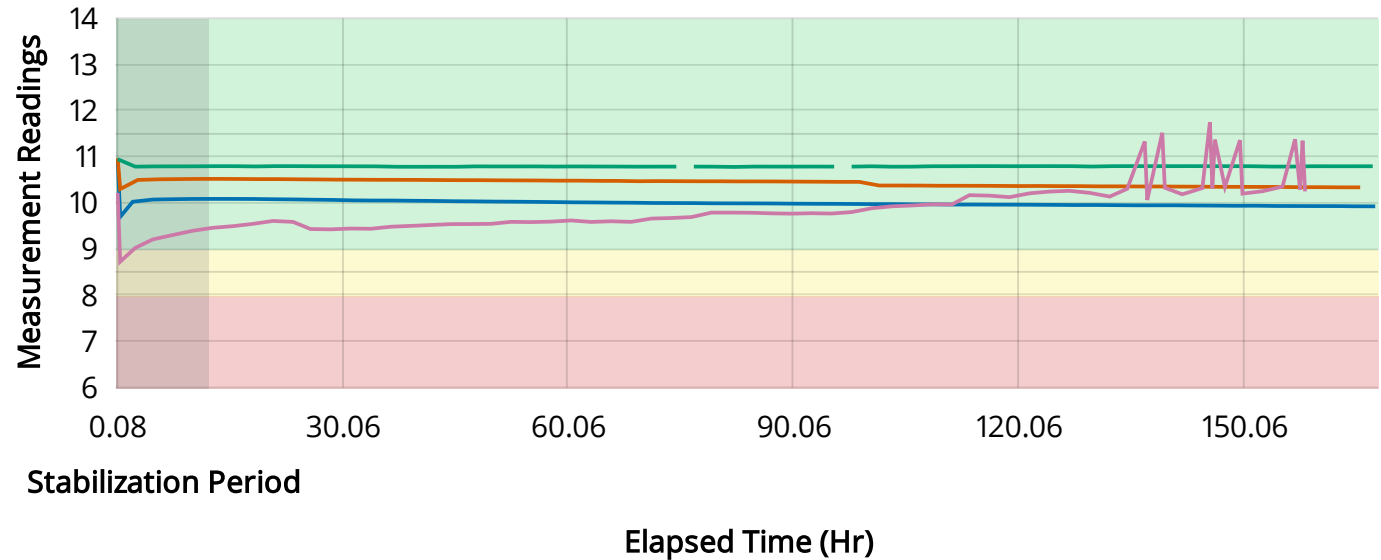
* Value determines channel color

Measurement Info

Measurement Count: 468



Channel A	Channel B	Channel C	Channel D
Component: QFN 48-11	Component: BGA 244	Component: 20 POS Header	Component: 0603, 0805 Caps
Measurement Stats	Measurement Stats	Measurement Stats	Measurement Stats
Last Reading: 9.862766 Log ₁₀ Ω	Last Reading: 10.469058 Log ₁₀ Ω	Last Reading: 10.774789 Log ₁₀ Ω	Last Reading: 9.643820 Log ₁₀ Ω
Maximum: 10.044229 Log ₁₀ Ω	Maximum: 10.594562 Log ₁₀ Ω	Maximum: 10.842214 Log ₁₀ Ω	Maximum: 9.644820 Log ₁₀ Ω
Minimum*: 9.861783 Log ₁₀ Ω	Minimum*: 10.468272 Log ₁₀ Ω	Minimum*: 10.774191 Log ₁₀ Ω	Minimum*: 8.928684 Log ₁₀ Ω
Median: 9.919954 Log ₁₀ Ω	Median: 10.510078 Log ₁₀ Ω	Median: 10.792960 Log ₁₀ Ω	Median: 9.180828 Log ₁₀ Ω
Mean: 9.931268 Log ₁₀ Ω	Mean: 10.517324 Log ₁₀ Ω	Mean: 10.798801 Log ₁₀ Ω	Mean: 9.244778 Log ₁₀ Ω
StdDev: 0.050216 Log ₁₀ Ω	StdDev: 0.032662 Log ₁₀ Ω	StdDev: 0.019623 Log ₁₀ Ω	StdDev: 0.221947 Log ₁₀ Ω
Variance: 0.002521 Log ₁₀ Ω ²	Variance: 0.001066 Log ₁₀ Ω ²	Variance: 0.000385 Log ₁₀ Ω ²	Variance: 0.049260 Log ₁₀ Ω ²
* Value determines channel color	* Value determines channel color	* Value determines channel color	* Value determines channel color
Measurement Info	Measurement Info	Measurement Info	Measurement Info
Measurement Count: 468	Measurement Count: 468	Measurement Count: 468	Measurement Count: 468
			Errors: 1 (0.2%)



Channel A

Component: QFN 48-11

Measurement Stats

Last Reading: 9.944747 Log₁₀Ω

Maximum: 10.111262 Log₁₀Ω

Minimum*: 9.943932 Log₁₀Ω

Median: 10.003846 Log₁₀Ω

Mean: 10.011809 Log₁₀Ω

StdDev: 0.046765 Log₁₀Ω

Variance: 0.002186 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel B

Component: BGA 244

Measurement Stats

Last Reading: 10.354522 Log₁₀Ω

Maximum: 10.539957 Log₁₀Ω

Minimum*: 10.354182 Log₁₀Ω

Median: 10.481545 Log₁₀Ω

Mean: 10.449672 Log₁₀Ω

StdDev: 0.065509 Log₁₀Ω

Variance: 0.004291 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel C

Component: 20 POS Header

Measurement Stats

Last Reading: 10.813386 Log₁₀Ω

Maximum: 10.816678 Log₁₀Ω

Minimum*: 10.796305 Log₁₀Ω

Median: 10.811383 Log₁₀Ω

Mean: 10.810204 Log₁₀Ω

StdDev: 0.004638 Log₁₀Ω

Variance: 0.000021 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Errors: 2 (0.4%)

Channel D

Component: 0201, 0402 Caps

Measurement Stats

Last Reading: Invalid Reading

Maximum: 11.767425 Log₁₀Ω

Minimum*: 9.390857 Log₁₀Ω

Median: 9.814061 Log₁₀Ω

Mean: 9.904686 Log₁₀Ω

StdDev: 0.387466 Log₁₀Ω

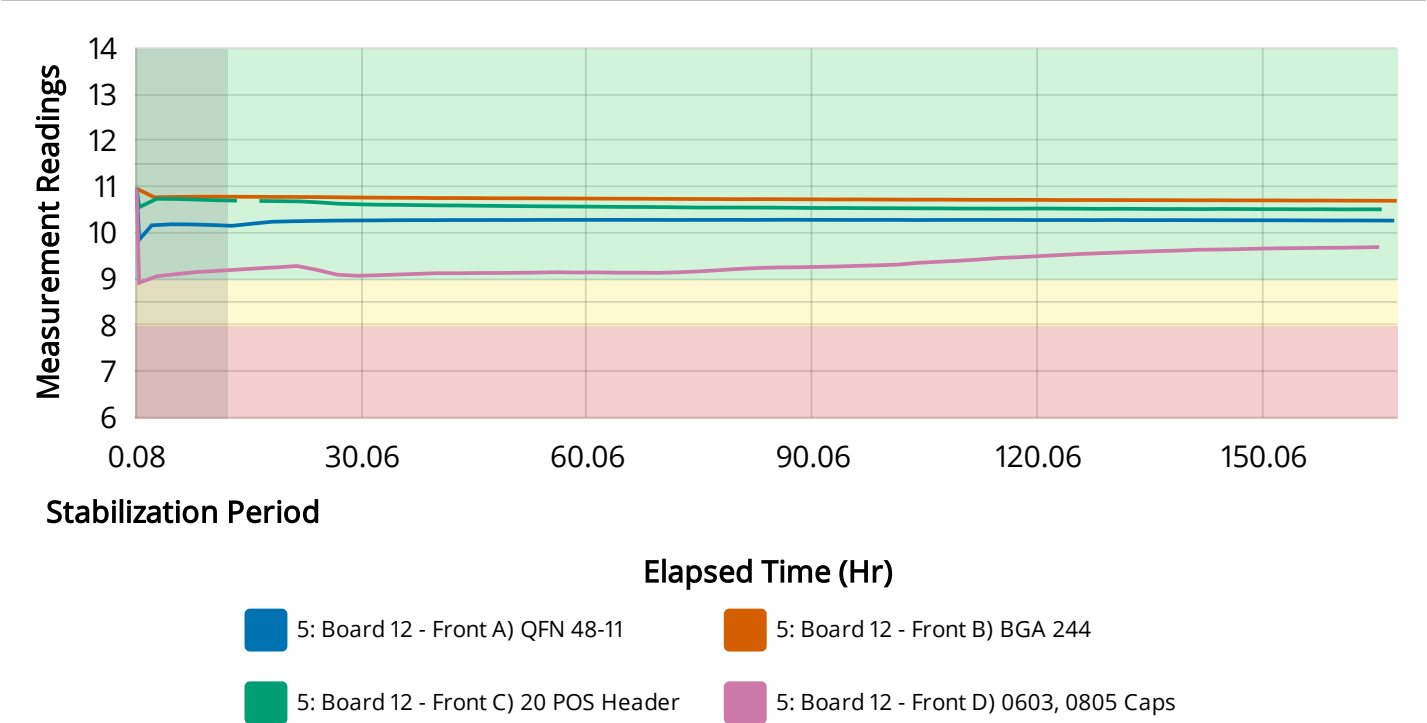
Variance: 0.150130 Log₁₀Ω²

* Value determines channel color

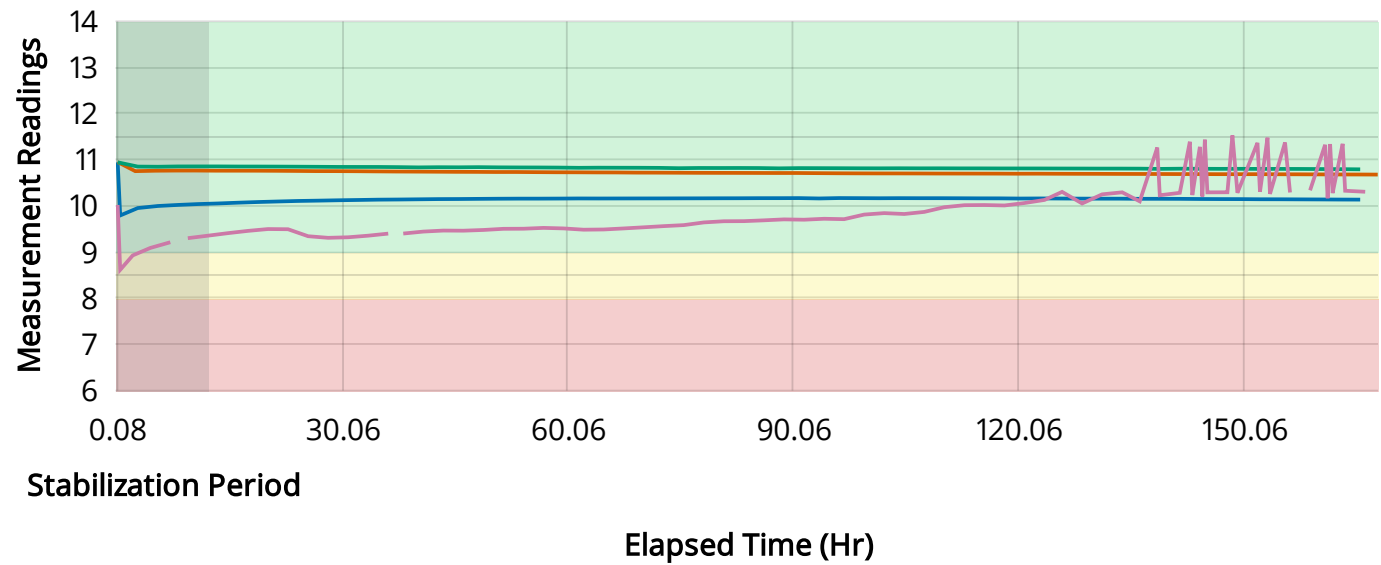
Measurement Info

Measurement Count: 468

Errors: 5 (1.1%)



Channel A		Channel B		Channel C		Channel D	
Component:	QFN 48-11	Component:	BGA 244	Component:	20 POS Header	Component:	0603, 0805 Caps
Measurement Stats		Measurement Stats		Measurement Stats		Measurement Stats	
Last Reading:	10.286567 Log ₁₀ Ω	Last Reading:	10.715199 Log ₁₀ Ω	Last Reading:	10.523816 Log ₁₀ Ω	Last Reading:	9.719059 Log ₁₀ Ω
Maximum:	10.304163 Log ₁₀ Ω	Maximum:	10.803729 Log ₁₀ Ω	Maximum:	10.723456 Log ₁₀ Ω	Maximum:	9.719291 Log ₁₀ Ω
Minimum*:	10.164246 Log ₁₀ Ω	Minimum*:	10.714709 Log ₁₀ Ω	Minimum*:	10.523816 Log ₁₀ Ω	Minimum*:	9.087366 Log ₁₀ Ω
Median:	10.297892 Log ₁₀ Ω	Median:	10.746790 Log ₁₀ Ω	Median:	10.560908 Log ₁₀ Ω	Median:	9.287098 Log ₁₀ Ω
Mean:	10.292421 Log ₁₀ Ω	Mean:	10.751098 Log ₁₀ Ω	Mean:	10.577892 Log ₁₀ Ω	Mean:	9.363245 Log ₁₀ Ω
StdDev:	0.020105 Log ₁₀ Ω	StdDev:	0.024311 Log ₁₀ Ω	StdDev:	0.049345 Log ₁₀ Ω	StdDev:	0.209899 Log ₁₀ Ω
Variance:	0.000404 Log ₁₀ Ω ²	Variance:	0.000590 Log ₁₀ Ω ²	Variance:	0.002434 Log ₁₀ Ω ²	Variance:	0.044057 Log ₁₀ Ω ²
* Value determines channel color		* Value determines channel color		* Value determines channel color		* Value determines channel color	
Measurement Info		Measurement Info		Measurement Info		Measurement Info	
Measurement Count:	468	Measurement Count:	468	Measurement Count:	468	Measurement Count:	468
				Errors:	1 (0.2%)		



Channel A

Component: QFN 48-11

Measurement Stats

Last Reading: 10.155443 Log₁₀Ω
Maximum: 10.192003 Log₁₀Ω
Minimum*: 10.067633 Log₁₀Ω
Median: 10.178416 Log₁₀Ω
Mean: 10.170002 Log₁₀Ω
StdDev: 0.024612 Log₁₀Ω
Variance: 0.000605 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel B

Component: BGA 244

Measurement Stats

Last Reading: 10.700482 Log₁₀Ω
Maximum: 10.788049 Log₁₀Ω
Minimum*: 10.700482 Log₁₀Ω
Median: 10.733841 Log₁₀Ω
Mean: 10.737227 Log₁₀Ω
StdDev: 0.024557 Log₁₀Ω
Variance: 0.000602 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel C

Component: 20 POS Header

Measurement Stats

Last Reading: 10.817498 Log₁₀Ω
Maximum: 10.879778 Log₁₀Ω
Minimum*: 10.814119 Log₁₀Ω
Median: 10.839659 Log₁₀Ω
Mean: 10.843058 Log₁₀Ω
StdDev: 0.016401 Log₁₀Ω
Variance: 0.000268 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel D

Component: 0201, 0402 Caps

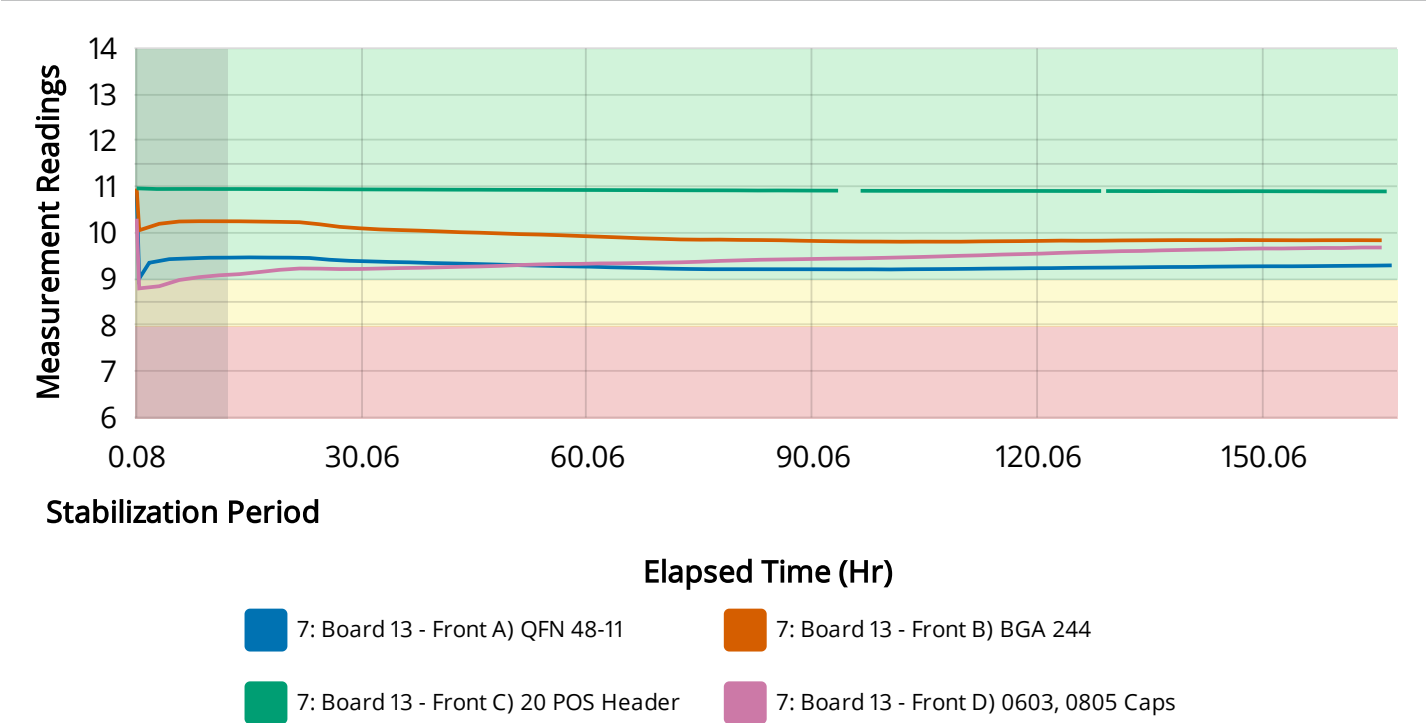
Measurement Stats

Last Reading: 10.317937 Log₁₀Ω
Maximum: 11.548953 Log₁₀Ω
Minimum*: 9.321099 Log₁₀Ω
Median: 9.730911 Log₁₀Ω
Mean: 9.851554 Log₁₀Ω
StdDev: 0.426269 Log₁₀Ω
Variance: 0.181705 Log₁₀Ω²

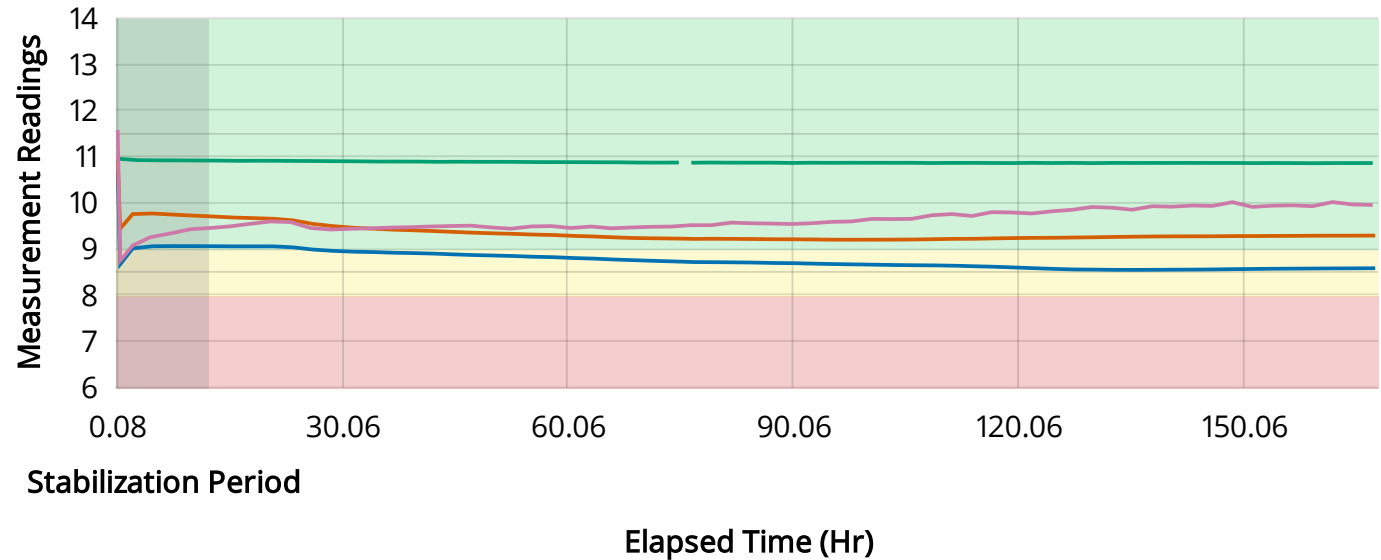
* Value determines channel color

Measurement Info

Measurement Count: 468
Errors: 3 (0.6%)



Channel A		Channel B		Channel C		Channel D	
Component:	QFN 48-11	Component:	BGA 244	Component:	20 POS Header	Component:	0603, 0805 Caps
Measurement Stats		Measurement Stats		Measurement Stats		Measurement Stats	
Last Reading:	9.315131 Log ₁₀ Ω	Last Reading:	9.862554 Log ₁₀ Ω	Last Reading:	10.917191 Log ₁₀ Ω	Last Reading:	9.709860 Log ₁₀ Ω
Maximum:	9.488852 Log ₁₀ Ω	Maximum:	10.273147 Log ₁₀ Ω	Maximum:	10.970637 Log ₁₀ Ω	Maximum:	9.709860 Log ₁₀ Ω
Minimum*:	9.225984 Log ₁₀ Ω	Minimum*:	9.825500 Log ₁₀ Ω	Minimum*:	10.914775 Log ₁₀ Ω	Minimum*:	9.114217 Log ₁₀ Ω
Median:	9.281823 Log ₁₀ Ω	Median:	9.862272 Log ₁₀ Ω	Median:	10.935494 Log ₁₀ Ω	Median:	9.454642 Log ₁₀ Ω
Mean:	9.301195 Log ₁₀ Ω	Mean:	9.933590 Log ₁₀ Ω	Mean:	10.939345 Log ₁₀ Ω	Mean:	9.456025 Log ₁₀ Ω
StdDev:	0.073636 Log ₁₀ Ω	StdDev:	0.128563 Log ₁₀ Ω	StdDev:	0.015654 Log ₁₀ Ω	StdDev:	0.163403 Log ₁₀ Ω
Variance:	0.005422 Log ₁₀ Ω ²	Variance:	0.016528 Log ₁₀ Ω ²	Variance:	0.000244 Log ₁₀ Ω ²	Variance:	0.026700 Log ₁₀ Ω ²
* Value determines channel color		* Value determines channel color		* Value determines channel color		* Value determines channel color	
Measurement Info		Measurement Info		Measurement Info		Measurement Info	
Measurement Count:	468	Measurement Count:	468	Measurement Count:	468	Measurement Count:	468
				Errors:	2 (0.4%)		



Channel A

Component: QFN 48-11

Measurement Stats

Last Reading: 8.603172 Log₁₀Ω

Maximum: 9.084946 Log₁₀Ω

Minimum*: 8.562565 Log₁₀Ω

Median: 8.710243 Log₁₀Ω

Mean: 8.749869 Log₁₀Ω

StdDev: 0.159336 Log₁₀Ω

Variance: 0.025388 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel B

Component: BGA 244

Measurement Stats

Last Reading: 9.313359 Log₁₀Ω

Maximum: 9.729659 Log₁₀Ω

Minimum*: 9.219158 Log₁₀Ω

Median: 9.292020 Log₁₀Ω

Mean: 9.333435 Log₁₀Ω

StdDev: 0.129741 Log₁₀Ω

Variance: 0.016832 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel C

Component: 20 POS Header

Measurement Stats

Last Reading: 10.879945 Log₁₀Ω

Maximum: 10.937773 Log₁₀Ω

Minimum*: 10.876470 Log₁₀Ω

Median: 10.889791 Log₁₀Ω

Mean: 10.897125 Log₁₀Ω

StdDev: 0.015694 Log₁₀Ω

Variance: 0.000246 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Errors: 1 (0.2%)

Channel D

Component: 0201, 0402 Caps

Measurement Stats

Last Reading: 9.978362 Log₁₀Ω

Maximum: 10.076954 Log₁₀Ω

Minimum*: 9.436209 Log₁₀Ω

Median: 9.595804 Log₁₀Ω

Mean: 9.675931 Log₁₀Ω

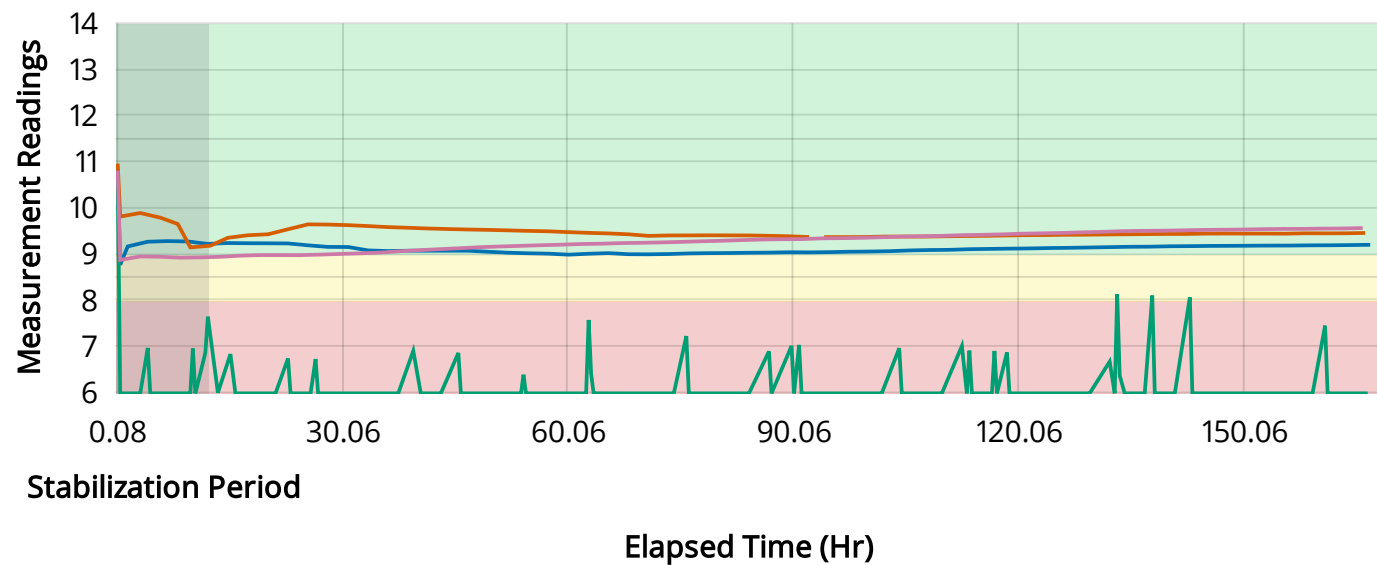
StdDev: 0.187032 Log₁₀Ω

Variance: 0.034980 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468



- 9: Board 14 - Front A) QFN 48-11
- 9: Board 14 - Front B) BGA 244
- 9: Board 14 - Front C) 20 POS Header
- 9: Board 14 - Front D) 0603, 0805 Caps

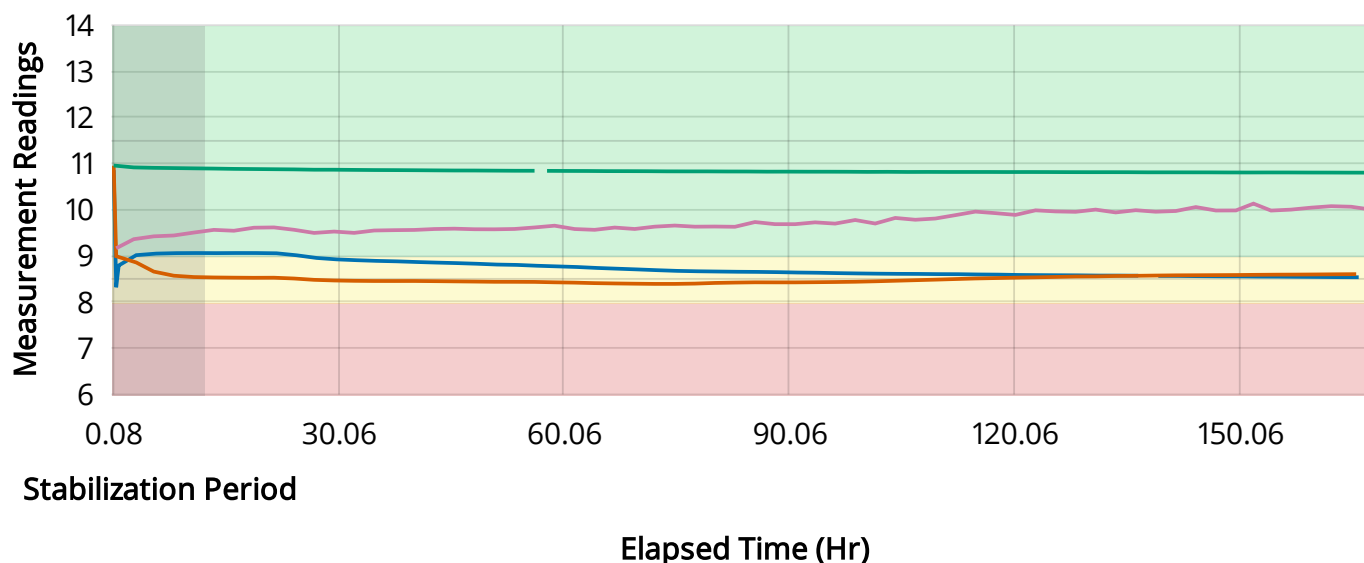
Channel A	Channel B	Channel C	Channel D
Component: QFN 48-11	Component: BGA 244	Component: 20 POS Header	Component: 0603, 0805 Caps
Measurement Stats	Measurement Stats	Measurement Stats	Measurement Stats
Last Reading: 9.218900 Log ₁₀ Ω	Last Reading: 9.475112 Log ₁₀ Ω	Last Reading: 6.000925 Log ₁₀ Ω	Last Reading: 9.583717 Log ₁₀ Ω
Maximum: 9.262107 Log ₁₀ Ω	Maximum: 9.667416 Log ₁₀ Ω	Maximum: 8.146315 Log ₁₀ Ω	Maximum: 9.588107 Log ₁₀ Ω
Minimum*: 8.974077 Log ₁₀ Ω	Minimum*: 9.164429 Log ₁₀ Ω	Minimum*: 6.000538 Log ₁₀ Ω	Minimum*: 8.948816 Log ₁₀ Ω
Median: 9.114242 Log ₁₀ Ω	Median: 9.452167 Log ₁₀ Ω	Median: 6.000787 Log ₁₀ Ω	Median: 9.343647 Log ₁₀ Ω
Mean: 9.123402 Log ₁₀ Ω	Mean: 9.467641 Log ₁₀ Ω	Mean: 6.077948 Log ₁₀ Ω	Mean: 9.320314 Log ₁₀ Ω
StdDev: 0.074369 Log ₁₀ Ω	StdDev: 0.076092 Log ₁₀ Ω	StdDev: 0.315281 Log ₁₀ Ω	StdDev: 0.190181 Log ₁₀ Ω
Variance: 0.005530 Log ₁₀ Ω ²	Variance: 0.005789 Log ₁₀ Ω ²	Variance: 0.099401 Log ₁₀ Ω ²	Variance: 0.036168 Log ₁₀ Ω ²
* Value determines channel color	* Value determines channel color	* Value determines channel color	* Value determines channel color
Measurement Info	Measurement Info	Measurement Info	Measurement Info
Measurement Count: 468	Measurement Count: 468	Measurement Count: 468	Measurement Count: 468
	Errors: 1 (0.2%)		

First Failure Detected:

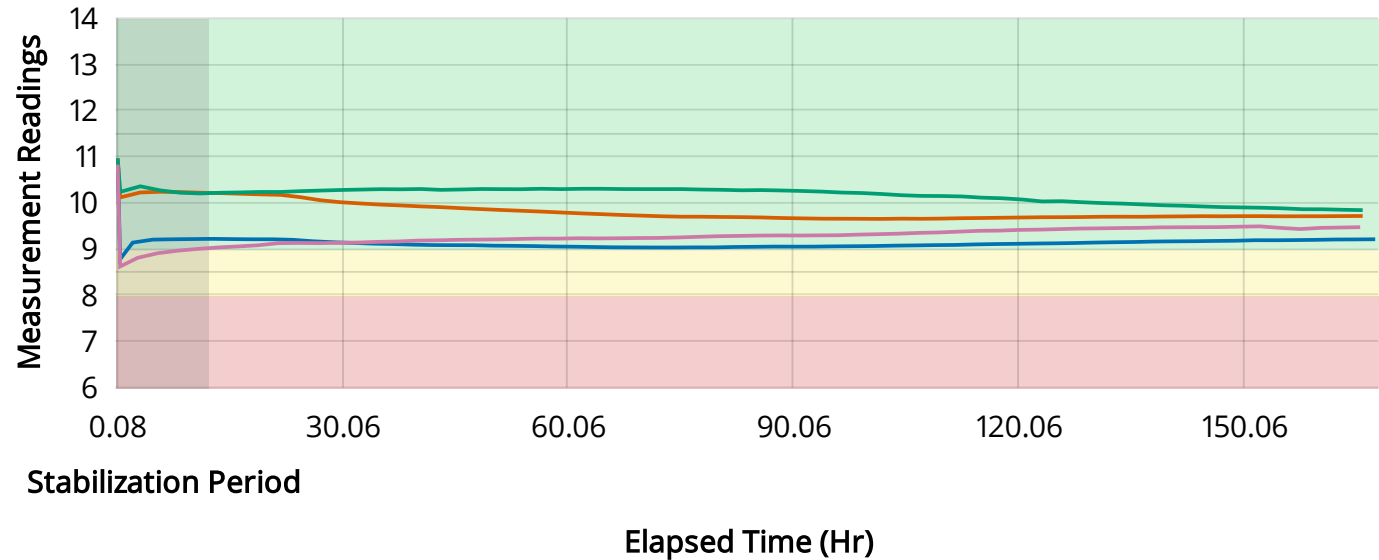
Mon, Dec 30 10:40 PM CST

Elapsed Time: 12.05 hours

Total Failed Measurements: 465 (99.36%)



Channel A	Channel B	Channel C	Channel D
Component: QFN 48-11	Component: BGA 244	Component: 20 POS Header	Component: 0201, 0402 Caps
Measurement Stats	Measurement Stats	Measurement Stats	Measurement Stats
Last Reading: 8.557072 Log ₁₀ Ω	Last Reading: 8.628039 Log ₁₀ Ω	Last Reading: 10.825215 Log ₁₀ Ω	Last Reading: 10.113524 Log ₁₀ Ω
Maximum: 9.087524 Log ₁₀ Ω	Maximum: 8.632024 Log ₁₀ Ω	Maximum: 10.916023 Log ₁₀ Ω	Maximum: 10.161457 Log ₁₀ Ω
Minimum*: 8.557072 Log ₁₀ Ω	Minimum*: 8.413384 Log ₁₀ Ω	Minimum*: 10.824600 Log ₁₀ Ω	Minimum*: 9.514938 Log ₁₀ Ω
Median: 8.666193 Log ₁₀ Ω	Median: 8.493506 Log ₁₀ Ω	Median: 10.848304 Log ₁₀ Ω	Median: 9.722522 Log ₁₀ Ω
Mean: 8.727635 Log ₁₀ Ω	Mean: 8.514513 Log ₁₀ Ω	Mean: 10.855090 Log ₁₀ Ω	Mean: 9.776075 Log ₁₀ Ω
StdDev: 0.157494 Log ₁₀ Ω	StdDev: 0.066904 Log ₁₀ Ω	StdDev: 0.023066 Log ₁₀ Ω	StdDev: 0.182871 Log ₁₀ Ω
Variance: 0.024804 Log ₁₀ Ω ²	Variance: 0.004476 Log ₁₀ Ω ²	Variance: 0.000531 Log ₁₀ Ω ²	Variance: 0.033441 Log ₁₀ Ω ²
* Value determines channel color	* Value determines channel color	* Value determines channel color	* Value determines channel color
Measurement Info	Measurement Info	Measurement Info	Measurement Info
Measurement Count: 468	Measurement Count: 468	Measurement Count: 468	Measurement Count: 468
Errors: 1 (0.2%)		Errors: 1 (0.2%)	



Channel A

Component: QFN 48-11

Measurement Stats

Last Reading: 9.232405 Log₁₀Ω

Maximum: 9.240183 Log₁₀Ω

Minimum*: 9.048392 Log₁₀Ω

Median: 9.119398 Log₁₀Ω

Mean: 9.133574 Log₁₀Ω

StdDev: 0.060026 Log₁₀Ω

Variance: 0.003603 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel B

Component: BGA 244

Measurement Stats

Last Reading: 9.735554 Log₁₀Ω

Maximum: 10.236155 Log₁₀Ω

Minimum*: 9.671212 Log₁₀Ω

Median: 9.729478 Log₁₀Ω

Mean: 9.805235 Log₁₀Ω

StdDev: 0.157156 Log₁₀Ω

Variance: 0.024697 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel C

Component: 20 POS Header

Measurement Stats

Last Reading: 9.865369 Log₁₀Ω

Maximum: 10.331358 Log₁₀Ω

Minimum*: 9.862208 Log₁₀Ω

Median: 10.250333 Log₁₀Ω

Mean: 10.173321 Log₁₀Ω

StdDev: 0.158523 Log₁₀Ω

Variance: 0.025129 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468

Channel D

Component: 0603, 0805 Caps

Measurement Stats

Last Reading: 9.513433 Log₁₀Ω

Maximum: 9.520439 Log₁₀Ω

Minimum*: 9.037073 Log₁₀Ω

Median: 9.312563 Log₁₀Ω

Mean: 9.325617 Log₁₀Ω

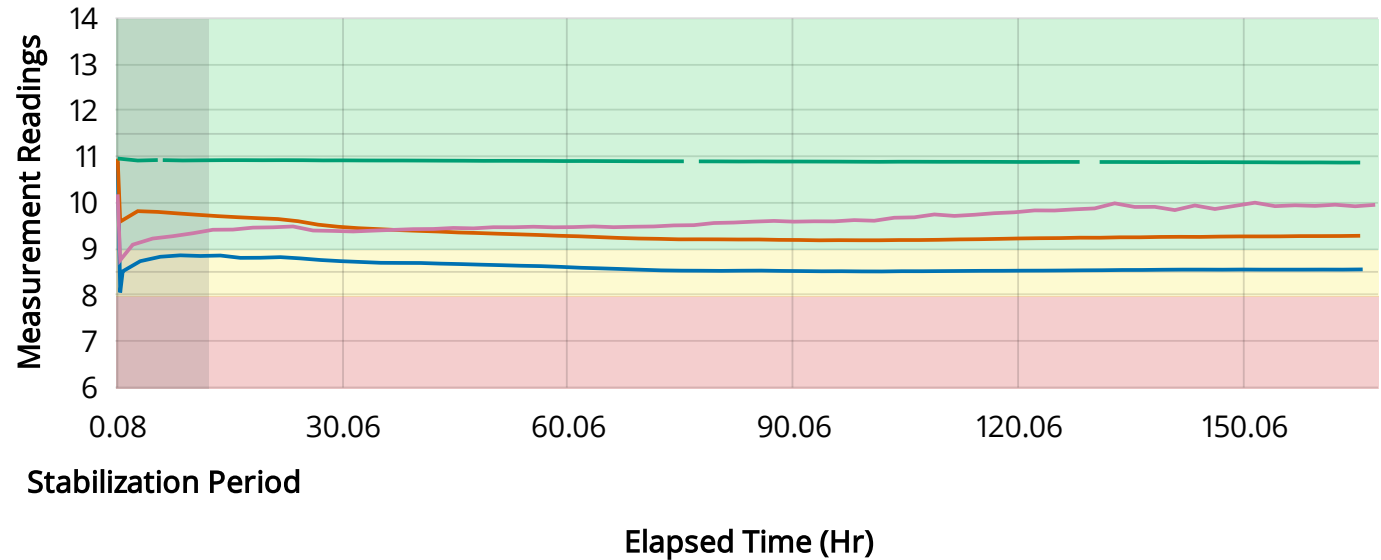
StdDev: 0.128569 Log₁₀Ω

Variance: 0.016529 Log₁₀Ω²

* Value determines channel color

Measurement Info

Measurement Count: 468



- 12: Board 15 - Back A) QFN 48-11
- 12: Board 15 - Back B) BGA 244
- 12: Board 15 - Back C) 20 POS Header
- 12: Board 15 - Back D) 0201, 0402 Caps

Channel A	Channel B	Channel C	Channel D
Component: QFN 48-11	Component: BGA 244	Component: 20 POS Header	Component: 0201, 0402 Caps
Measurement Stats	Measurement Stats	Measurement Stats	Measurement Stats
Last Reading: 8.577783 Log ₁₀ Ω	Last Reading: 9.306788 Log ₁₀ Ω	Last Reading: 10.892427 Log ₁₀ Ω	Last Reading: 10.009843 Log ₁₀ Ω
Maximum: 8.881175 Log ₁₀ Ω	Maximum: 9.744196 Log ₁₀ Ω	Maximum: 10.947894 Log ₁₀ Ω	Maximum: 10.111963 Log ₁₀ Ω
Minimum*: 8.531650 Log ₁₀ Ω	Minimum*: 9.207514 Log ₁₀ Ω	Minimum*: 10.891993 Log ₁₀ Ω	Minimum*: 9.382562 Log ₁₀ Ω
Median: 8.573116 Log ₁₀ Ω	Median: 9.283457 Log ₁₀ Ω	Median: 10.915627 Log ₁₀ Ω	Median: 9.620705 Log ₁₀ Ω
Mean: 8.616478 Log ₁₀ Ω	Mean: 9.325621 Log ₁₀ Ω	Mean: 10.917999 Log ₁₀ Ω	Mean: 9.670505 Log ₁₀ Ω
StdDev: 0.094270 Log ₁₀ Ω	StdDev: 0.134366 Log ₁₀ Ω	StdDev: 0.015265 Log ₁₀ Ω	StdDev: 0.203038 Log ₁₀ Ω
Variance: 0.008886 Log ₁₀ Ω ²	Variance: 0.018053 Log ₁₀ Ω ²	Variance: 0.000232 Log ₁₀ Ω ²	Variance: 0.041224 Log ₁₀ Ω ²
* Value determines channel color	* Value determines channel color	* Value determines channel color	* Value determines channel color
Measurement Info	Measurement Info	Measurement Info	Measurement Info
Measurement Count: 468	Measurement Count: 468	Measurement Count: 468	Measurement Count: 468
		Errors: 2 (0.4%)	

Event Log

 **Test Created** at Mon, Dec 30 10:36 AM CST

 **Test Started** at Mon, Dec 30 10:36 AM CST

 **Test Ended** at Mon, Jan 6 10:21 AM CST