



<b>Qualification #</b>	09-QUAL-XXXX	<b>PQE</b>	Rod Jones
<b>Date Issued</b>	June 29, 2009	<b>BOM# and Rev</b>	MCCxxxxxx-xx
<b>Purpose of Qualification</b>	Qualification of CGA-1518Z		

Test Name	Test Standard and Conditions	Samples Per Lot	Test Results
Preconditioning	JESD22-A113 MSL1	33 x 3 lots	PASSED
<b>D E V I C E</b>	High Temperature Operating Life (HTOL)	JESD22-A108 125°C, DCbias, 1000 hours. Preconditioning per JESD22-A113 PC MSL 1	22 x 3 lots  Run As Information Only
	Biased HAST	JESD22-A110, 125°C, 85% RH non-condensing, 17.7 psia, 264 hours. Preconditioning per JESD22-A113 PC MSL 1	22 x 3 lots  PASSED
	Temperature Cycling Loose Piece	JESD22-A104 Condition B -55 /+125°C, soak mode 1, 500 cycles. Test points: 0, 250, and 500 cycles. Preconditioning per JESD22-A113 PC MSL 1	22 x 3 lots  PASSED
	Temperature Cycling On Boards	JESD22-A104 Condition C -65 /+150°C, soak mode 3, Test points: 0, 250, and 500 cycles. Preconditioning per JESD22-A113 PC MSL 1	22 x 3 lots  PASSED
	High Temperature Storage	JESD22-A103, 150°C, Test points: 0 and 1000 hours	22 x 3 lots  PASSED
	Low Temperature Storage	JESD22-A103, -65°C, Test points: 0 and 1000 hours	22 x 3 lots  PASSED
	ESD Human Body Model	JESD22-A114	12 x 1 lots  PASSED CLASS: 1A
	Solderability	JESD22-B102 Dip & Look; Solder alloy SnAgCu; Steam Age Condition C, 8hrs; Solder Temperature 245C	22 x 3 lots (use Lead Coplanarity parts)

**ASSEMBLY QUALIFICATION REPORT**

Insert link to assembly qualification report generated per PKG-21-1037.