

Product Description		5.0V, 5GHz HIGH POWER LINEAR POWER AMPLIFIER		
Package Type		QFN 6x6 40-pin	Process Technology	GCS InGaP/GaAs
Date Issued		July 27, 2009	Qualification #	08-QUAL-1123
Test Name		Test Standard and Conditions	Sample Size	Test Results
D E V I C E	High Temperature Operating Life	JESD22-A108 Tj=150°C, DC bias, 1000 hours PreCon per JESD22-A113 MSL 1	158	Pass QBS to SZM3066Z and SZP3026Z
	Biased HAST	JESD22-A110, 110°C, 85% RH non-condensing, 15 psig, 264 hours PreCon per JESD22-A113 MSL 1	24	Pass QBS to SZM3066Z and SZP3026Z
	ESD Human Body Model	JESD22-A114	3 x 1 lot	Pass 250V Class 1A
	ESD Charged Device Model	JESD22-C101C	3 x 1 lot	Pass 1kV Class C5
P a c k a g e	MSL 1	JEDEC J-STD-020	22 x 3 Lots	Pass
	Temperature Cycling Loose Piece	JESD22-A104 Condition C -65 /+150°C, soak mode 3, 1000 cycles, PreCon per JESD22-A113 MSL 1	22 x 3 Lots	Pass
	Solderability	JESD22-B102 Dip & Look; Solder alloy SnAgCu; Steam Age Condition C, 8hrs; 245C	90	Pass QBS to SZM-3066Z
	High Temperature Storage	JESD22-A103, 150°C, 1000 hours	20	Pass QBS to SZM-3066Z
	Low Temperature Storage	JESD22-A103, -65°C, 1000 hours	20	Pass QBS to SZM-3066Z
	Power Temp Cycling	JESD22-A105 -40C to +85C, 10' dwell, ~15' transition, cycled (5'on/5'off); nominal bias,;Precon per JESD22-A113 MSL 1	33	Pass QBS to SZM-3066Z
	Temperature Cycling On Boards	JESD22-A104 Condition C -65 /+150°C, soak mode 3, 1000 cycles, PreCon per JESD22-A113 MSL 1	10	Pass QBS to SZM-3066Z
Conclusion		This product has passed all RFMD requirements for production.		