

Product Description	3.3GHz to 3.6GHz Linear power amplifier IC designed for WiMAX final or driver stage applications provided in a QFN, 24-pin, 4mmx4mmx0.9mm package.		
Qualification #	08-QUAL-1136	Date Issued	March/19/2010

FOR IMPORTANT INFORMATION REGARDING THESE MATERIALS INCLUDING DISCLAIMERS REGARDING USE IN CERTAIN APPLICATIONS, SEE [STANDARD DISCLAIMER FOR PRODUCT DOCUMENTS](#)

Test Name	Test Standard and Conditions	# Samples x # Lots	Test Results	
High Temperature Operating Life (HTOL)	JESD22-A108 125°C, RF bias, 1000 hours	79 x 1 lot	Pass	
Temp. Humidity w/Bias (THB)	JESD22-A101, 85°C, 85% RH non-condensing, 500 hrs	22 x 1 Lots	Pass	
ESD Human Body Model	JESD22-A114	3 x 1 lot	Pass 500V	ESD Class 1B
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 1000V	ESD Class C5
High Temperature Storage	JESD22-A103, 150°C, 1000 hours	22 x 3 lots	Pass	
Moisture Sensitivity Level 2	IPC/JEDEC J-STD-020	22 x 3 lots	Pass	
Temperature Cycling	JESD22-A104 Condition B -55 /+125°C, soak mode 1, 500 cycles	22 x 3 lots (Pre Condition using MSL 2 parts)	Pass	
Solderability	JESD22-B102, 8 hr steam aging. Method 1 Dip/Look	22 x 3 lots	Pass	
Assy Process Data Die Shear, Bond/Ball Shear, Bond/Ball Pull	MIL-STD-883, M2019, JESD22-116 MIL-STD-883, M2019	Per PKG-21-1037 Supplier Process Data	Pass	
Conclusion	This part meets RFMD's product qualification requirements.			

Sample size and lot quantities reported are the minimum required for this qualification.

For additional information please contact your RFMD Customer Quality Engineer