

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.