

<b>Product Description</b>	6GHz RF SYNTHESIZER/VCO WITH INTEGRATED RF MIXERS, in 5mm x 5mm QFN package		
<b>Qualification #</b>	09-QUAL-1295	<b>Date Issued</b>	08/30/2010

**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 Lifetime	JESD22-A108 125°C, 1000 hours	22 x 1 lot	Pass	
Temperature Humidity with Bias	JESD22-A101 85%RH / 85°C, 1000 hours	22 x 1 lot	Pass	
ESD Human Body Model	JESD22-A114	3 x 1 lot	All pins pass 1500V DC pins pass 2000V	Class 1C
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 500V Fail 1000V	Class III
Latch up	JESD22A78	6 x 1 lot	Pass	
Moisture Sensitivity Level 2	IPC/JEDEC J-STD-020	22 x 1 lot	Pass	
Temperature Cycling	JESD22-A104, 1000 cycles Condition B (-55°C/+125°C) (use MSL2 preconditioned parts)	22 x 1 lot	Pass	
Solderability	JESD22-B102, 8 hr steam aging	22 x 3 lots	Pass	
High Temperature Storage	JESD22-A103, 1000 hours Condition B (150°C)	22 x 3 lots	Pass	
Characterization	Data Sheet	5 x 1 lot	Pass	
<b>Conclusion</b>	<b>This part meets RFMD's product qualification requirements.</b>			

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

**For additional information please contact your RFMD Customer Quality Engineer**