

Product Description	RF2815 GPS LNA Module		
Package Type	Laminate Module, 3.3 x 2.1 x 0.96 mm	Process Technology	GaAs, SAW
Qualification #	08-QUAL-1093	Date Issued	5/1/2009

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	JESD22-A108, 1000 hrs	77 x 3 lots	Pass	
Temperature Humidity with Bias	JESD22-A101, 500 hrs	22 x 3 lots	Pass	
ESD Human Body Model Pin-to-Ground (excluding SAW output pin)	JESD22-A114	3 x 1 lot	Pass 1000 V	ESD Class 1C
ESD Human Body Model Cumulative (all pins including SAW output)	JESD22-A114	3 x 1 lot	Pass 250 V	ESD Class 1A
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 1000 V	ESD Class IV
Moisture Sensitivity Level	IPC/JEDEC J-STD-020	77 x 3 lots	Pass	MSL 3 260°C
Temperature Cycling	JESD22-A104, 500 cycles Condition G (-40°C/+125°C), Soak Mode 2	77 x 3 lots loose piece	Pass	Preconditioned MSL 3 260°C
Temperature Cycling	JESD22-A104, 1000 cycles Condition G (-40°C/+125°C), Soak mode 2, Preconditioning per JESD22-A113	77 x 3 lots on boards	Pass	Preconditioned MSL 3 260°C
High Temperature Storage	JESD22-A103, 1000 hours Condition B (150°C)	77 x 3 lots	Pass	
Solderability	JESD22-B102 Condition A (1 hr steam aging)	77 x 3 lots	Pass	
Characterization	Data Sheet	3 x 2 lots	Pass	
Conclusion	This product has passed the RFMD Qualification Requirements for production.			

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

For additional information please contact your RFMD Customer Quality Engineer