

Product Description / Purpose of Qualification	RF5745 is front-end module (FEM) for WLAN applications in the 2.4GHz to 2.5GHz ISM band.		
Package Type	QFN, 3x3x0.45 mm	Process Technology	GaAs, FET2D, HBT5D
Qualification #	08-QUAL-1027	Date Issued	2/2/09

Test Name	Test Standard and Conditions	# Samples x # Lots	Test Results		
High Temperature Operating Life	JESD22-A108, 1000 hrs	77 x 1 lots	Pass		
Temperature Humidity with Bias	JESD22-A101, 500 hrs	77 x 1 lots	Pass		
ESD Human Body Model	JESD22-A114	3 x 1 lot	Pass 250 V	ESD Class 1A	
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 500 V	ESD Class III	
Moisture Sensitivity Level	IPC/JEDEC J-STD-020	22 x 1 lot 6x Reflow	Pass	MSL 2	260°C
Temperature Cycling	JESD22-A104, 500 cycles Condition G, Soak Mode 2, Preconditioning per JESD22-A113	22 x 1 lot loose piece	Pass	Preconditioned MSL 2 260°C	
High Temperature Storage	JESD22-A103, 1000 hours Condition B	22 x 3 lots	Pass		
Solderability	JESD22-B102 Condition A	22 x 3 lots	Pass		
Characterization	Data Sheet	5 x 3 lots	Pass		
Conclusion	This product has passed the RFMD Qualification Requirements for production.				