

12.11 TEST: RF Exposure Requirements		PASS
Parameters required prior to the test	Laboratory Ambient Temperature (°C)	15 to 35 °C
	Relative Humidity (%)	30 to 60 %
Parameters recorded during the test	Laboratory Ambient Temperature (°C)	---
	Relative Humidity (%)	---
	Air pressure (hPa)	1020
—	Power Supply & Frequency	Application Point
Fully configured sample tested at the power line frequency	120V ~ 60Hz	Enclosure
Equipment mode: #1	Operation mode	#1
FCC Standard	§ 1.1310 (1) (B)	
Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines § 1.1310, table (1) (b)		
EUT classification (fixed, mobile or portable devices)	Fixed equipment used in Uncontrolled Exposure environment	
Limits Freq. Range 300÷1500MHz	f/1500 (Power Density (mW/cm²))	
Power Density (mW/cm²)	$S = P * G / 4\pi r^2$	

Note:
P = Conducted Power (mW); G = Numeric Gain (10 ^(dBi/10)); r = distance (cm)

CH	Frequency	Conductor output power	Conductor output power (P)	Numeric gain (G)	Distance (r)	Power Density (S) (mW/cm ²)	Limits (f/1500)
	(MHz)	(dBm)	(mW)	dB	(cm)		
Low	902,75	27,42	552,07	2,239	20	0,2458	0,602
Middle	915,25	27,47	558,47	2,239	20	0,2487	0,610
High	927,25	26,72	469,89	2,239	20	0,248	0,618
	VERDICT						
	The EUT Radiated Power density at evaluation distance is WHITIN THE LIMIT at the distance of 20cm. The EUT Radiated Power density is OUT OF THE LIMIT if the distance is < 13,53cm						

END OF TEST REPORT