

<b>11.11 TEST: RF Exposure Requirements</b>		<b>PASS</b>
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	+5V dc	-----
Equipment mode:	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/cm <sup>2</sup> ))	
Power Density (mW/cm <sup>2</sup> )	$S = P * G / 4\pi r^2$	

**Note:**

P = Conducted Power (mW); G = Numeric Gain ( $10^{(\text{dB}/10)}$ ); r = distance (cm)

CH	Frequency	Max Radiated Output Power (ERP)	Max Radiated Output Power	Distance (r)	Power Density (S) (mW/cm <sup>2</sup> )	Limits (f/1500)
	(MHz)	(dBm)	(mW)	(cm)		
Low	902,75	10,49	11,20	20	0,0022x1.64 < 0.004	0,602
Middle	915,25	10,75	11,89	20	0,0023x1.64 < 0.004	0,610
High	927,25	10,50	11,22	20	0,0022x1.64 < 0.004	0,618

**VERDICT**

**The EUT Radiated Power density at evaluation distance is WHITIN THE LIMIT at the distance of 20cm.**

## END OF TEST REPORT