

| 9.10 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                                                                                                                                                                         | +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<br>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<sup>(dBi/10)</sup>); r = distance (cm)

| Operation Mode: #1                                                                                                                                                                                                |           |                        |                            |                  |              |                   |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|----------------------------|------------------|--------------|-------------------|-----------------|
| CH                                                                                                                                                                                                                | Frequency | Conducted Output Power | Conducted Output Power (P) | Numeric Gain (G) | Distance (r) | Power Density (S) | Limits (f/1500) |
|                                                                                                                                                                                                                   | (MHz)     | (dBm)                  | (mW)                       |                  | (cm)         |                   |                 |
| Low                                                                                                                                                                                                               | 904,00    | 13,64                  | 23,12                      | 2                | 20           | 0,009179          | 0,6026          |
| Mid                                                                                                                                                                                                               | 915,50    | 13,86                  | 24,32                      | 2                | 20           | 0,009656          | 0,6103          |
| High                                                                                                                                                                                                              | 927,00    | 13,71                  | 23,49                      | 2                | 20           | 0,009330          | 0,6180          |
| VERDICT                                                                                                                                                                                                           |           |                        |                            |                  |              |                   |                 |
| <p><b>The EUT Radiated Power density at evaluation distance is WHITIN THE LIMIT at the distance of 20cm.</b></p> <p><b>The EUT Radiated Power density is OUT OF THE LIMIT if the distance is &lt; 2,516cm</b></p> |           |                        |                            |                  |              |                   |                 |

**END OF TEST REPORT**