

| <b>12.11 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   | 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<br>Freq. Range 300÷1500MHz  | f/1500 (Power Density (mW/cm <sup>2</sup> ))              |                   |
| Power Density (mW/cm <sup>2</sup> )  | $S = P * G / 4\pi r^2$                                    |                   |

|   |
|---|
| <b>Note:</b>  |
| P = Conducted Power (mW); G = Numeric Gain (10 <sup>(dBi/10)</sup> ); r = distance (cm) |

| CH   | Frequency | Conductor output power | Conductor output power (P) | Numeric gain (G) | Distance (r) | Power Density (S) (mW/cm <sup>2</sup> ) | 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           |
| <b>VERDICT</b>   |           |                        |                            |                  |              |   |                 |
| <b>The EUT Radiated Power density at evaluation distance is WHITIN THE LIMIT at the distance of 20cm.</b><br><b>The EUT Radiated Power density is OUT OF THE LIMIT if the distance is &lt; 13,53cm</b> |           |                        |                            |                  |              |   |                 |

**END OF TEST REPORT**