



## EU DECLARATION OF CONFORMITY

The company **LANCOM Systems GmbH**  
 A Rohde & Schwarz Company | Adenauerstr. 20/B2 | 52146 Wuerselen | Germany

declares that the product **LANCOM 1800EFW-5G**  
 LAN / WAN device with WWAN and WLAN  
 in conjunction with a firmware LCOS v10 and above

with the intended purpose **radio equipment / network infrastructure equipment**

complies with the appropriate essential requirements of the directives and the other relevant provisions and national laws.

**According to Directives** 2014/53/EU Radio Equipment Directive (RED)  
 2011/65/EU including 2015/863/EU (RoHS)  
 Regulation (EC) No 1907/2006 (REACH) including Regulation (EU) 2019/1691

### Essential requirements

|  |                   |   |
|--|-------------------|---|
| <b>Safety</b>                              | RED, Article 3.1a | IEC 62368-1:2014 / Cor. 2015, Ed. 2, DIN EN 62368-1:2016-05   |
| <b>Health</b>                              | RED, Article 3.1a | Human exposure to electromagnetic fields<br>EN 62311:2008, EN 50665:2017  |
| <b>Electromagnetic Compatibility (EMC)</b> | RED, Article 3.1b | EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4, EN 301 489-52, V1.2.1, DIN EN 55032:2022, DIN EN 55035/A11:2022, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11   |
| <b>Radio spectrum</b>                      | RED, Article 3.2  | EN 300 328 V2.2.2, EN 301 893 V2.1.1<br>Air interface specification of the radio path<br>2.4-2.4835 GHz; 5.15-5.25 GHz; 5.47-5.725 GHz<br>EN 301 908-1 V15.1.1, EN 301 908-13 V13.2.1,<br>Draft EN 301 908-25 V15.1.1_0.0.14<br>Air interface specification of the radio path<br>Operating bands according to TS136 521-1 V14.2.0:<br>1, 3, 7, 8; n78<br>Notified Body number: 0682<br>Certificate number: EU24-0152-01-TEC |
| <b>Additional essential requirements</b>   |                   | Technical documentation with respect to the RoHS<br>EN 63000:2019   |

This declaration is submitted by

Wuerselen, October 21<sup>st</sup> 2024

i.r. Udo Brocker, Director Engineering