



EU DECLARATION OF CONFORMITY

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

declares that the product **LANCOM LX-6500E**
in conjunction with a firmware LCOS LX v6.0 and above

with the intended purpose **Indoor Access Point**

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)
2014/30/EU (Electromagnetic Compatibility Directive),
2011/65/EU including 2015/863/EU (RoHS) and Regulation
(EC) No 1907/2006 (REACH)

Essential requirements

Safety	RED, Article 3.1a	EN 62368-1:2014+AC:2015+A11:2017
Health, Medical	RED, Article 3.1a	Human exposure to electromagnetic fields EN 62311:2008, EN 50665:2017, EN 60601-1:2022-11
Electromagnetic Compatibility (EMC)	RED, Article 3.1b	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1, EN 301 489-3 V2.1.1 EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-4-2:2009, EN 61000-4-3:2010, EN 61000-4-4:2013, EN 61000-4-5:2019, EN 61000-4-6:2014, EN 61000-4-1:2019
Radio spectrum	RED, Article 3.2	Radio spectrum use with respect to Article 3.2 EN 300 328 V.2.2.2, EN 301 893 V2.1.1, EN 303 687 V.1.0.0 Air interface specification of the radio path 2.4-2.4835 GHz; 5.15-5.25 GHz; 5.47-5.725 GHz; 5.995 MHz- 6415 MHz
Additional essential requirements		Technical documentation with respect to the RoHS EN 63000:2019

This declaration is submitted by

Wuerselen, April 4th 2025

i.r. Udo Brocker, Director Engineering