

## **EU DECLARATION OF CONFORMITY**

**Radio equipment:** **ICR-4461** with product numbers **ICR-4461XXY-ZZZZ**

**Name and address of the manufacturer:**

Advantech Czech s.r.o., Sokolska 71, Kerhartice, 562 04 Usti nad Orlici, CZ,  
phone +420 465 524 421, [cellular.info@advantech.cz](mailto:cellular.info@advantech.cz), [www.advantech.cz](http://www.advantech.cz)

*This declaration of conformity is issued under the sole responsibility of the manufacturer.*

**Object of the declaration:**

Ultra-high-speed 5G router **ICR-4461** – Equipment for wireless data transmission in 5G, LTE, HSPA+, UMTS, GNSS and WiFi networks. Specifications based on product number (P/N):

**ICR-4461XXY-ZZZZ**, where:

XXY stands for these options only:

“**W3**” – Router is equipped with 2x2 WiFi module,

“**S**” – Router is PoE equipped,

“**W3S**” – Router is equipped with 2x2 WiFi module and PoE.

-**ZZZZ** **contains a string of variable length** which stands either for optional software user modules, or other firmware versions

**Retune bands:** 700/800/850/900/1500/1800/2100/2300/2500/ 2600/3500/3700 MHz  
(cellular networks),

2.4/5 GHz (WiFi networks),

1176.45, 1561.098, 1575.42, 1597.5 MHz (GNSS networks)

*The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:*

Directive **2014/53/EU** (Radio Equipment Directive),

Directive **2011/65/EU** (RoHS2) and **2015/863/EU** (RoHS3).

*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

<b>Radio:</b>	EN 301 908-1 v15.1.1, EN 301 908-2 v13.1.1, EN 301 908-13 v13.2.1, EN 301 908-25 v15.1.1, EN 303 413 v1.2.1, EN 301 893 v2.1.1, EN 300 328 v2.2.2
<b>EMC:</b>	EN 301 489-1 v2.2.3, EN 301 489-17 v3.1.1, EN 301 489-19 v2.2.0, EN 301 489-52 v1.2.1, EN 61000-6-2: 2019, EN 61000-6-3: 2020
<b>Safety:</b>	EN 62368-1:2020 + A11:2020
<b>Health:</b>	EN IEC 62311:2020

**RoHS:** EN IEC 63000 :2018

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Radio, EMC, Safety (cellular module)	Quectel_RM520N-GL_CE(RED)_Certificate	PHOENIX TESTLAB GmbH Königswinkel 10 D-32825 Blomberg, Germany www.phoenix-testlab.de
Radio, Safety, EMC (WiFi module)	SparkLAN_WPEA-251ACNI(BT)_EC Declaration_of_Conformity_v1.1_20201103.pdf	SparkLAN Communications, Inc. 8F., No.257, Sec 2, Tiding Blvd, Neihu District 11493, Taiwan
Safety of the device	PO-2021-31	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic
Health of the device	PO-2023-97	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic
EMC of the device	PO-2021-52	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic

Signed for and on behalf of Advantech Czech s.r.o.



Usti nad Orlici

02/02/2024

Pavel Pospíšil, executive director