

## SAR Test exclusion documentation according to FCC § 1.1307(b)(3)



BNetzA-CAB-13/21-08

This SAR test exclusion document is referring to the Test report identification no.: 23012738\_Rev.01\_FCC Part 15 C section 15.517.

| Contains the module with the Certification numbers |             |
|----------------------------------------------------|-------------|
| FCC ID                                             | 2BACHVT3463 |
|                                                    |             |

| Equipment Under Test (EUT)          |                           |                        |                    |
|-------------------------------------|---------------------------|------------------------|--------------------|
| EUT / Technology                    | Operating Frequency (MHz) | EIRP Peak power. (dBm) | Antenna Gain (dBi) |
| EOS-RTLS-AT5200 / Indoor UWB device | 3490                      | -7.95**                | 5.7                |

\*\* measurement results are taken from TÜV Nord HF Test report no. 23012738\_Rev.01\_FCC Part 15.517.

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### SAR test exclusion for UWB devices

According to FCC § 1.1307(b)(3)(i)(C) and the Table 1 in (C), the EUT is exempted from SAR evaluation.

| Operating Frequency<br>[MHz] | d <sub>separation</sub><br>[cm] | EIRP Power<br>measured.<br>[mW] | EIRP Power limit<br>[mW] | Exclusion<br>[Yes/No] |
|------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------|
| 4248.8                       | ≥20                             | 0.16                            | 1258.9*                  | Yes                   |

\* The limit is specified according to Table 1 to § 1.1307(b)(3)(i)(C)—Single RF Sources Subject to Routine Environmental Evaluation.

**ATTESTATION:** I attest that the EUT meets the exemption from the routine evaluation limits according to FCC § 1.1307(b)(3) as well as meets the exemption from the routine evaluation limits in section 2.5 “Exemption Limits for Routine Evaluation” of RSS-105 issue 5; that the Technical Brief was prepared and the information contained therein is correct; that the device evaluation was performed or supervised by me; that applicable measurement methods and evaluation methodologies have been followed; and that the device meets the SAR and/or RF field strength limits of FCC § 1.1307(b)(3) and RSS-102 issue 5.

|               |                    |
|---------------|--------------------|
| Signature     |                    |
| Name          | Mr. Ralf Trepper   |
| Designation   | Laboratory-Manager |
| Date of issue | 2024-04-05         |