

## SAR Test exemption documentation according to CFR 47 §1.1307

**Report identification number: 1-3692/21-01-05 Exemption (FCC)**

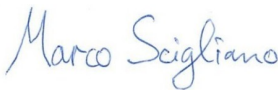
| contains the module with the following certification numbers |             |
|--------------------------------------------------------------|-------------|
| FCC ID                                                       | 2AJRSIRTTAU |

This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

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**EUT technologies:**

| Technology                 | Conducted                                                                                                                      | Antenna gain | E.I.R.P.                                                                                   | Declared E.I.R.P.                                                                                                  | References |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------|
| 915 MHz Proprietary        | <b>-5.0 dBm</b>                                                                                                                | -6.0 dBi     | 84.2 dBuV/m@3m<br>=<br>-11.0 dBm                                                           | -11.0 dBm                                                                                                          | A + C      |
| Wideband<br>6.2 to 6.8 GHz | -45.0 dBm/MHz<br>=<br>0.0316 µW<br><br><b>OP over complete BW:</b><br>0.0316 µW x 652.5 MHz =<br>20.6 µW<br>= <b>-16.9 dBm</b> | 1.5 dBi      | -43.0 dBm/MHz<br>= 0.05 µW<br><br>OP over complete BW:<br>0.05 µW x 652.5 MHz =<br>32.6 µW | -41.3 dBm/MHz<br>=<br>0.07413 µW<br><br>OP over complete BW:<br>0.07413 µW x 652.5 MHz =<br>48.4 µW<br>= -13.5 dBm | B + D      |

NOTE: Highest values are marked in bold

Details and origins of the measurements shown in the table above:

| # | Results from:                     | Additional information |
|---|-----------------------------------|------------------------|
| A | 1-3692/21-01-03 CTC Advanced GmbH | --                     |
| B | 1-3692/21-01-09 CTC Advanced GmbH | --                     |
| C | Antenna datasheet 915 MHz ABRACON | --                     |
| D | Antenna datasheet UWB JOHANSON    | --                     |

**Declared minimum safety distance: 0 cm****Blanket test exemption according CFR 47 §1.1307:**

§1.1307(b)(3)(i)(A) – A single RF source is exempt if the available maximum time-averaged power is **no more than 1 mW**, regardless of separation distance.  
*(Applicable from 100 kHz to 100 GHz)*

**Collocation:****Overview:**

|                         |                        |           |
|-------------------------|------------------------|-----------|
| Technology , [MHz]      | 915 MHz<br>proprietary | WB , 6200 |
| Limit [mW]:             | 1                      | 1         |
| Result worst case [mW]: | 0.32                   | 0.0000484 |
| Limit-Exhaustion        | 0.32                   | 0.000048  |

**Collocation-Scenario:**

Scenario 1:

ALL Active = 32.0048 % of Limit

**This prediction demonstrates the following:**

The power density levels for FCC that are larger than the minimum safety-distances stated above, are below the maximum levels allowed by regulations.