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D-PL-12076-01-00

## **SAR Test exclusion documentation according to FCC KDB 447498 and RSS-102**

**Report identification number: 1-9417/15-05-04-A**

| <b>Certification numbers and labeling requirements</b> |                 |
|--|-----------------|
| FCC ID   | WX3-126         |
| IC number  | 3100A-126       |
| HVIN (Hardware Version Identification Number)          | 930             |
| PMN (Product Marketing Name)                           | Accu-Chek Guide |
| FVIN (Firmware Version Identification Number)          | 1.8.3           |
| HMN (Host Marketing Name)                              | -/-             |

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

**Document authorized:**

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**EUT technologies:**

| Technologies: | Max. power: (AVG)                            | Max. gain: | Min. pathloss:       |
|---------------|--|------------|----------------------|
| Bluetooth LE  | Declared: 0 dBm<br>Maximum tune-up: +1.5 dBm | 0.0 dBi    | 0 dB (if applicable) |

Note:

Bluetooth LE test results see CETECOM test report 1-9417/15-05-03

**SAR test exclusion according to KDB447498 (General RF Exposure Guidance v05)**

Equation from Chapter 4.3.1: Standalone SAR test exclusion considerations page 11 and ff.

(1) Standalone SAR test exclusion for 100 MHz to 6 GHz at test separation distances  $\leq 50\text{mm}$

$$(\text{Threshold}_{1\text{-g};10\text{-g}}) \times d_{\text{separation}} / f^{0.5}$$

where

$\text{Threshold}_{1\text{-g};10\text{-g}}$  is 3 for 1-g; 7.5 for 10-g

$d_{\text{separation}}$  is the min. test separation distance; 5mm is used if the distance is less

$f$  is the RF channel transmit frequency

The table below gives the calculated maximal power that could be used for source based time averaged conducted or radiated power, adjusted for tune up tolerance. If this is at or below the calculated value the DUT is exempted from SAR evaluation.

| f in [MHz] | d <sub>separation</sub> [mm] | Threshold <sub>1-g</sub> | Powerlimit [mW] | P <sub>max-declared</sub> [mW] | Exclusion |
|------------|------------------------------|--------------------------|-----------------|--------------------------------|-----------|
| 2450.00    | <b>5</b>                     | 3                        | 9.58            | 1.41                           | yes       |
|            |                              |                          |                 |                                |           |
|            |                              |                          |                 |                                |           |
|            |                              |                          |                 |                                |           |

**SAR test exclusion according to RSS-102 Issue 5 Section 2.5.1/Table 1**

The table below gives the calculated maximal power that could be used for source based time averaged conducted or radiated power, adjusted for tune up tolerance. If this is at or below the calculated value the DUT is exempted from SAR evaluation.

| f in [MHz] | d <sub>separation</sub> [mm] | tissue volume | Powerlimit [mW] | P <sub>max-declared</sub> [mW] | Exclusion |
|------------|------------------------------|---------------|-----------------|--------------------------------|-----------|
| 2450.00    | <b>5</b>                     | 1 g           | 4.00            | 1.41                           | yes       |
|            |                              |               |                 |                                |           |
|            |                              |               |                 |                                |           |
|            |                              |               |                 |                                |           |

Note: Measured antenna gain is < 0 dBi. Therefore the calculation was done with a maximum of 0 dBi.