

## RF Exposure Exemption Letter according Interim procedure KDB 447498 D04

| Customer                                                                      | Product            | Model     | Type     | HW Status | SW status | FCC ID    |
|-------------------------------------------------------------------------------|--------------------|-----------|----------|-----------|-----------|-----------|
| Eliko Tehnoloogia Arenduskeskus OÜ<br>Aiandi 13/1<br>12918 Tallinn<br>Estonia | Positioning device | ELIKO TAG | standard | KT5D34UB  | 4.1       | 2AF2I-TAG |

### RF Exposure Test Exemption for Single Source

#### 1-mW Test Exemption

According 1.1307(b)(3)(i)(A) – a single RF source is exempt RF device if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions.

Calculation based on external document "MPE Information Requirements Tag\_V2", provided by customer.

| Maximum Rated Conducted Output Power | Maximum Tolerance | Duty Cycle | Minimum Path Loss to Antenna connector | Minimum Path Loss in Antenna cable | Maximum Conducted Output Power to Antenna | Maximum Conducted Output Power to Antenna | Maximum Antenna Gain | EIRP   | EIRP       |
|--------------------------------------|-------------------|------------|----------------------------------------|------------------------------------|-------------------------------------------|-------------------------------------------|----------------------|--------|------------|
| (dBm)                                | (dB)              | (%)        | (dB)                                   | (dB)                               | (dBm)                                     | (mW)                                      | (dBi)                | (dBm)  | (mW)       |
| -20.15                               | 2                 | 100        | 0                                      | 0                                  | -18.15                                    | 0.015310875                               | 3.5                  | -14.65 | 0.03427678 |

| Available Maximum Time-Averaged Power | Exemption fulfilled |
|---------------------------------------|---------------------|
| (mW)                                  | (≤ 1mW)             |
| 0.034276779                           | yes                 |

### Conclusion

RF Exposure Test Exemption fulfilled

  
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| Version | Applied changes | Date of release |
|---------|-----------------|-----------------|
| --      | Initial release | 2023-Nov-22     |