

RF Exposure Exemption Letter according Interim procedure KDB 447498 D04

Customer	Product	Model	Type	HW Status	SW status	FCC ID
Eliko Tehnoloogia Arenduskeskus OÜ Aiandi 13/1 12918 Tallinn 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

B.Eng. Martin Nunier

Timo Franke

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