

# FCC SAR Exclusion Report

**FCC ID: 2AH97-EVG2**

**Report No.** : BTL-FCCP-2-2203T133  
**Equipment** : Smartglasses  
**Model Name** : RAPTOR S  
**Marketing Name** : CONNECTED RIDE, Maverick  
**Applicant** : Eversight Ltd.  
**Address** : 9 Andrei Sakharov St., Matam building 3 Advanced technology center, Haifa 3508409 ,Israel

**FCC Rule Part(s)** : FCC Part 2, Subpart J (§2.1093)  
KDB 447498 D01 General RF Exposure Guidance v06

**Date of Receipt** : 2022/3/29  
**Date of Test** : 2022/3/29 ~ 2022/6/14  
**Issued Date** : 2022/7/1

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

**Prepared by** : Eric .Lee  
Eric Lee, Engineer

**Approved by** : Jerry Chuang  
Jerry Chuang, Supervisor

**BTL Inc.**

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan

Tel: +886-2-2657-3299      Fax: +886-2-2657-3331      Web: [www.newbtl.com](http://www.newbtl.com)

**REVISION HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2203T133	R00	Original Report.	2022/7/1	Valid

According to KDB 447498 section 4.3.1 a), the 1-g SAR test exclusion thresholds at test separation distance  $\leq$  50 mm are determined by:

$$\{ [(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \}$$

The maximum tune up power is 2.7 dBm +/- 1 dB, therefore the highest tune-up powers is

3.7 dBm (2.34 mW) @ 2402 MHz

When the minimum test separation distance is  $< 50$  mm, a distance of 5 mm according to e) in section 4.1 is applied to determine SAR test exclusion.

So,

$$\boxed{ ( 2.34\text{mW} / 5\text{mm} ) * ( 2.402\text{GHz}^{0.5} ) = 0.7 }$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 0.7 < 3.0$$

Therefore, standalone SAR measurements are not required for both head and body.

**End of Test Report**