



RF EXPOSURE EVALUATION

Report No. : AA0022306(2) Date: 21 Apr, 2019

Application No. : LA003560(3)

Applicant : Bell Sports Inc.
5550 SCOTTS VALLEY DRIVE,
SCOTTS VALLEY, CA 95066

Sample Description : One(1) item of submitted sample stated to be

Product Description : Light of Turn Signal
Model : JY-1305A
Sample registration No. : RA032368-001
Radio Frequency : 2403 – 2480MHz
Supply voltage : DC3.7V rechargeable battery
No. of submitted sample : 1

FCC ID : QH67115952LV2

Date Received : 02 Apr, 2021

Evaluation Period : 06 Apr, 2021 to 19 Apr, 2021

Evaluation Method : 447498 D01 General RF Exposure Guidance v06 - RF Exposure Procedure and Equipment Authorization Policies for Mobile and Portable Devices

Conclusion : The transmission was satisfied RF exposure requirements.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature : _____

Wong Lap Pong / Andrew
Deputy Technical Manager

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Document name: FCC RF exposure - Document Ref No: RT-EL-EMC-008 - Issue Date: 01 Dec 2017 - Edition: 1

The conformity statement stated in Conclusion above is based on the decision rule agreed with applicant and listed in www.cmateesting.org/qac/statement-of-conformity.pdf. This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website www.cmateesting.org. This document shall not be reproduced except in full without written approval by CMA Testing. The results apply to the sample as received unless otherwise specified. The observations and test results in this report are relevant only to the sample tested.

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Simultaneous power

No simultaneous transmission.

RF Exposure Evaluation

According to KDB 447498 D01 clause 7, power density at 20cm is calculated according to the maximum e.i.r.p. and compare with MPE limit for general population/uncontrolled in OET Bulletin 65

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

Calculation

- Frequency range : 2403 – 2480MHz
- Max. e.i.r.p., including tune-up tolerance : 0.04mW
- Minimum separation distances : 20cm
- Power density at 20cm : 0.000007mW/cm²

$$PD = \frac{P}{4 * \pi * d^2}$$

PD: Power Density in mW/cm²

P: Radiated Power in mW

d: distance in cm

Requirements: ≤ 1.0mW/cm² for general population/uncontrolled exposure between 1500 – 100,000MHz

Conclusion

The calculated power density at 20cm is 0.000007mW/cm² which is less than the MPE limit, 1.0mW/cm² for general population/uncontrolled exposure with frequency range from 1500 – 100,000MHz. It comply the RF exposure requirement under KDB 447498 clause 7.

***** End of Evaluation *****