



CTK Co., Ltd.
The First Leader of Global Regulatory Compliance

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386-1, Ho-dong, Cheoin-gu, Yongin-si, Gyeonggi-do, 449-100, Korea

Tel: +82-31-339-9970 Fax: +82-31-339-9855

www.e-ctk.com

RF EXPOSURE EVALUATION

Applicant : Shin Heung Precision Co., Ltd.

Applicant Address : 222-2, Sinneung-Ri, Seowun-Myeon, Anseong-City, Gyeonggi-Do, 456-853, Korea

Kind of Product : BLUETOOTH DONGLE

Equipment model name : BT-DG_M

RF power : 9.124 dBm Peak Conducted

Antenna type : Chip antenna

Antenna Gain : 1.5 dBi

Frequency Range : 2402 - 2480 MHz

Number of channels : 79 CH



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** MPE Calculations **

No Evaluation Required if power is below this threshold. (60/f(GHz) mW)

Frequency (GHz)		mW
Highest	2.480	24.19

The MPE calculation for this exposure is shown below.

$EIRP = P + G$	Where, P = Conducted output power (dBm) G = Power gain of the antenna (dBi)
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Measured Transmitter Output Power(Maximum : 8-DPSK, CH 78)

Output Power(dBm)	Antenna gain (dBi)	EIRP (dBm)	EIRP (mW)
9.124	1.5	10.624	11.545

Conclusion: No SAR evaluation required since Transmitter EIRP is below FCC threshold.