



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

CTK Co., Ltd.

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Tel: +82-31-339-9970 Fax: +82-31-624-9501
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RF EXPOSURE EVALUATION

Applicant	: Pen Generations, Inc.
Applicant Address	: 8th Fl., Pangyotechnovalley SOLID Space, 220 Pangyoyeokro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea 463-400
Kind of Product	: USB Dongle
FCC ID	: ADMPGD-601
RF power	: 1.694 dBm Peak Conducted
Antenna type	: Chip antenna
Antenna Gain	: 0 dBi
Frequency Range	: 2402 MHz - 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
Lowest	2.402	24.98
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 : GFSK, CH 0)

Output Power(dBm)	Antenna gain (dBi)	EIRP (dBm)	EIRP (mW)
1.694	0	1.694	1.48

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