



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: 2AAC4CM5183

Project No. : 1306C078
Equipment : Bluetooth Keyboard
Model : CM5183
Applicant : Case-Mate, Inc.
**Address : 2048 Weems Road, Tucker, Georgia 30084,
United States**

According: : FCC Guidelines for Human Exposure IEEE C95.1

Neutron Engineering Inc.

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	BLUEPIONEER TECHNOLOGY CO.,LTD	N/A	Printed	N/A	1.87

Maximum measured transmitter power:

Output Power (dBm)	Out Power (mW)	Limit (mW)
0.42	1	10

According to FCC KDB447498, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The transmitter power is 1 mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold