

RF Exposure Statement

No. 23HE0045-HO-3

Applicant	: BROTHER INDUSTRIES, LTD.
Type of Equipment	: Mobile Printer
Model No.	: MW-140BT
FCC ID	: B3Q5V6102

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "Mobile Printer(MW-140BT)" as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0m W/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P =	0.83 mW (Maximum peak output power)
G =	1.78 Numerical Antenna gain; equal to 2.5 dBi
r =	20 cm

For: Mobile Printer (MW-140BT)

S = 0.00029 mW/cm²

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