

RF Exposure / SAR Statement

No. : 26KE0022-HO-E

Applicant : **BROTHER INDUSTRIES, LTD.**
Type of Equipment : **Fascimile Machine**
Model No. : **FAX-1960C**
FCC ID : **B3Q8XAB07**

BROTHER INDUSTRIES, LTD. declares that Model No. : FAX-1960C
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "FAX-1960C" 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 1.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

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

Where

P = 54.45 mW (Maximum peak output power)
G = 1.29 Numerical Antenna gain; equal 1.10 dBi
r = 20.0 cm

For: FAX-1960C

$$S = 0.01396 \text{ mW/cm}^2$$

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