

RF Exposure / SAR Statement

No. : 26KE0022-HO-C

Applicant : BROTHER INDUSTRIES LTD.
Type of Equipment : Fascimille Machine
Model No. : FAX-2580C
FCC ID : B3Q8CAA20

BROTHER INDUSTRIES LTD. declares that Model : FAX-2580C
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-2580C" 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 = 65.46 mW (Maximum peak output power)
G = 1.05 Numerical Antenna gain; equal 0.20 dBi
r = 20.0 cm

For: FAX-2580C

$$S = 0.01364 \text{ mW/cm}^2$$

UL Apex Co., Ltd.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124