

RF Exposure / MPE Calculation

No. : 28EE0183-HO-02-A-R1

Applicant : FUJITSU TEN LIMITED
Type of Equipment : COMB PLAYER A
Model No. : FT0001a
FCC ID : BABFT0001A
IC Number : 2024B-FT0001A

FUJITSU TEN LIMITED declares that Model : FT0001a
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 "FT0001a" 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 = 1.13 mW (Maximum peak output power)
G = 0.96 Numerical Antenna gain; equal -0.17 dBi
r = 20.0 cm

For: FT0001a **S = 0.00022 mW/cm²**

*As for the calculation of RF Exposure, "-0.17dBi" of antenna gain was used as the worst case value.

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