

RF Exposure / SAR Statement

No. : 27CE0097-HO-A

Applicant : Sony EMCS Corporation Saitama TEC
Type of Equipment : Wireless Speaker System
Model No. : SRS-BTM30
FCC ID : AK8SRSBTM30

Sony EMCS Corporation Saitama TEC declares that Model : SRS-BTM30 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 "SRS-BTM30" 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 = 1.20 mW (Maximum peak output power)
G = 0.42 Numerical Antenna gain; equal -3.80 dBi
r = 20.0 cm

For: SRS-BTM30

$$S = 0.00010 \text{ mW/cm}^2$$

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