

RF Exposure Statement

No. : 26IE0239-YK-A

Applicant : Sony EMCS Corporation Saitama TEC
Type of Equipment : Wireless Stereo Headset
Model No. : DR-BT10CX
FCC ID : AK8DRBT10CX

Sony EMCS Corporation Saitama TEC declares that Model : Wireless Stereo Headset complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093. The “DR-BT10CX“ has 0.23 mW of conducted Peak Output power and 0.21 mW of EIRP. This kind of equipment is below 60/frequency[GHz] mW(TCB Exclusion List) so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the “DR-BT10CX“ 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 = 0.23 mW (Maximum peak output power)
G = 0.91 Numerical Antenna gain; equal -0.4 dBi
r = 20.0 cm

For: DR-BT10CX

$$S = 0.00004 \text{ mW/cm}^2$$