

RF Exposure / SAR Statement

No. : 25IE0085-HO-1

Applicant : CANON INC.
Type of Equipment : Bluetooth Unit
Model No. : BU-20
FCC ID : AZDK30259

CANON INC. declares that Model : Bluetooth Unit
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093.
The “BU-20” has 2 mW of conducted Peak Output power and 1.4 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 “BU-20” 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 = 2.00 mW (Maximum peak output power)
G = 0.70 Numerical Antenna gain; equal -1.54 dBi
r = 20.0 cm

For: BU-20

$$S = 0.00028 \text{ mW/cm}^2$$

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