

RF Exposure Statement

No. : 28DE0007-YK-01-A

Applicant : Alps Electric Co., Ltd.
Type of Equipment : Bluetooth Transceiver Module
Model No. : UGPZ6-C3
FCC ID : CWTUGPZ6-C3

Alps Electric Co., Ltd. declares that Model : Bluetooth Transceiver Module complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "UGPZ6-C3" has 2.79 mW of conducted Peak Output power and 1.76 mW of EIRP. This equipment is considered as a mobile device 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 "UGPZ6-C3" 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 = 2.79 mW (Maximum peak output power)
G = 0.63 Numerical Antenna gain; equal -2 dBi
r = 20.0 cm

For: UGPZ6-C3

$$S = 0.00035 \text{ mW/cm}^2$$

UL Japan, Inc.

YAMAKITA EMC LAB.

907 Kawanishi, Yamakita-machi, Ashigarakami-gun, Kanagawa-ken, 258-0124 JAPAN

Telephone: +81 465 77 1011 Facsimile: +81 465 77 2112