

RF Exposure / SAR Statement

No. : 24KE0303-HO

Applicant : **Sony Corporation**
Type of Equipment : **Receiver**
Model No. : **VGP-WRC1**
FCC ID : **AK8VGPWRC1**

Sony Corporation declares that Model : Receiver complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093. The "VGP-WRC1" has 0.91 mW of conducted Peak Output power and 0.81 mW of EIRP. This kind of equipment is below 60/frequency[MHz] W (TCB Exclusion List) so that SAR testing is excluded. Following calculation is reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "VGP-WRC1" 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 8.0mW/cm² uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

P = 0.91 mW (Maximum peak output power)
G = 0.89 Numerical Antenna gain; equal -0.50 dBi
r = 20.0 cm

For: VGP-WRC1

S = 0.00016 mW/cm²