

## **RF Exposure / SAR Statement**

**No. : 24KE0303-HO**

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

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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/cm<sup>2</sup> 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/cm<sup>2</sup>**