RF Exposure / MPE Calculation

No. : 28EE0001-HO-01

Applicant	**:**	**Sony Corporation**
Type of Equipment	**:**	**Digital Still Camera**
Model No.	**:**	**DKC-C300X**
FCC ID	**:**	**AK8DKCC300X**
IC Number	**:**	**409B-DKCC300X**

Sony Corporation declares that Model : DKC-C300X
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

The "DKC-C300X" has 1.21 mW of conducted Peak Output power and 2.1 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 "DKC-C300X" 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/cm^2 uncontrolled exposure limit. The Friis formula used was:

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

Where

P = 1.21 mW (Maximum peak output power)
G = 1.74 Numerical Antenna gain; equal 2.40 dBi
r = 20.0 cm

For: DKC-C300X **S = 0.00042 mW/cm^2**

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