RF Exposure / SAR Statement

No. : 32CE0258-SH-04-A

Applicant : JVC KENWOOD Corporation
Type of Equipment : POWERED WOOFER CD SYSTEM
Model No. : RV-NB90B
FCC ID : ASIVCB008

JVC KENWOOD Corporation declares that Model : POWERED WOOFER CD SYSTEM complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The "RV-NB90B" has 0.55 mW of conducted Peak Output power and 0.55 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 "RV-NB90B" 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 = 0.55 mW (Maximum peak output power)
G = 1.00 Numerical Antenna gain; equal 0.00 dBi
r = 20.0 cm

For: RV-NB90B **S = 0.00011 mW/cm^2**

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