RF Exposure / SAR Statement

No. : 30JE0059-YK-01-A

Applicant	:	**Sony EMCS Corporation Kisarazu TEC**
Type of Equipment	:	**AV Navigation**
Model No.	:	**XNV-660BT**
FCC ID	:	**409B-XNV660BT**

Sony EMCS Corporation Kisarazu TEC declares that Model : AV Navigation
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The "XNV-660BT" has 1.66 mW of conducted Peak Output power and 0.39 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 "XNV-660BT" 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 = 1.66 mW (Maximum peak output power)
G = 0.23 Numerical Antenna gain; equal -6.30 dBi
r = 20.0 cm

For: XNV-660BT **S = 0.00008 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