RF Exposure / MPE Calculation

No. : 30GE0004-HO-01

Applicant	**:**	**Panasonic Corporation of North America**
Type of Equipment	**:**	**2.4 GHz USB Wireless Adaptor**
Model No.	**:**	**UE-608049**
FCC ID	**:**	**ACJ5Z6UE-608049**
IC Number	**:**	**216A-UE608049**

Panasonic Corporation of North America declares that Model : UE-608049
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable).

The "UE-608049" has 1.19 mW of conducted Peak Output power and 1.19 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 "UE-608049" 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 = 1.19 mW (Maximum peak output power)
G = 1.00 Numerical Antenna gain; equal to 0.00 dBi
r = 20.0 cm

For: UE-608049 **S = 0.00024 mW/cm^2**

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