

RF Exposure / MPE Calculation

No. : 29GE0129-HO-01

Applicant	:	Panasonic Corporation
Type of Equipment	:	Home theater audio system (Wireless Audio Transmitter)
Model No.	:	Amp: SU-ZT1
FCC ID	:	ACJ-SU-ZT1
IC Number	:	216A-SUZT1

Panasonic Corporation declares that Model : Amp: SU-ZT1 complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "Amp: SU-ZT1" 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/cm² uncontrolled exposure limit. The Friis formula used was:

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

Where

P =	159.22 mW (Maximum peak output power)	
G =	1.41 Numerical Antenna gain; equal to	1.50 dBi
r =	20.0 cm	

For: Amp: SU-ZT1

$$S = 0.04474 \text{ mW/cm}^2$$

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124