

RF Exposure / SAR Statement

No. : 27KE0187-HO

Applicant	:	SANYO Electric Co., Ltd.
Type of Equipment	:	WLAN Module
Model No.	:	QXXAVC922---P
FCC ID	:	NPKAVC922
IC Number	:	339D-AVC922

SANYO Electric Co., Ltd. declares that Model : QXXAVC922---P complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile)

The "QXXAVC922---P" has 64.42 mW of conducted Peak Output power and 105.44 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 "QXXAVC922---P" 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 =	64.42 mW (Maximum peak output power)
G =	1.64 Numerical Antenna gain; equal 2.14 dBi
r =	20.0 cm

For: QXXAVC922---P

$$S = 0.02098 \text{ mW/cm}^2$$

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