

DATE: 26th February 2014

Re : Exposure Declaration

Manufacturer: TAIYO YUDEN CO., LTD.

Equipment name: WYSAAVKXY

Trade name: TAIYO YUDEN

Product Description: WIRELESS LAN MODULE

FCC ID: RYYWYSAAVKXY / IC ID: 4389B-WYSAAVKXY

1. SAR test exclusion threshold

According to 4.3.1 of KDB4474498, test exclusion thresholds **at 1500MHz ≤ 6GHz at test separation distance > 50mm** are determined by:

$$[(\text{Threshold at 50mm}) + (\text{test separation distance}-50\text{mm})*10] \text{ mW}$$

2. Evaluation condition

Frequency	Minimum separation distance(mm)	Maximum conducted average power	
		dBm	mW
2400-2483.5	52	20.5	112.20

3. Evaluation result

Threshold at 50mm (for 1-g SAR) is "**95.18295mW**", calculated from below formula.

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0$$

With it, the threshold for the condition stated in "2" is,

$$[(\text{Threshold at 50mm}) + (\text{test separation distance}-50\text{mm})*10] = \underline{\text{115.183 mW}}$$

Maximum power of our model is lower than the threshold.**Therefore, it's applicable to exclusion and not required SAR test.**

Sincerely,



Manabu Satomi, Deputy Manager

TAIYO YUDEN CO., LTD.

INTEGRATED MODULE & DEVICE BUSINESS DIV.