

Ref. No. 14056-FCC-003

29 July 2015

**Re: FCC Exposure Evaluation for Standalone transmission**

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Manufacturer: TAIYO YUDEN CO., LTD.  
Equipment name: EYSFCN  
Trade name: TAIYO YUDEN  
Product Description: Bluetooth Low Energy module  
FCC ID: RYYEYSFCN

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**1. SAR test exclusion threshold**

According to 4.3.1 of KDB4474498, test exclusion thresholds at 100MHz to 6GHz at test separation distance  $\leq 50$ mm are determined by:

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

$*[\sqrt{f(\text{GHz})}] \leq \underline{\underline{3.0}}$

**2. Evaluation condition**

Frequency (MHz)	Minimum separation distance(mm)	Maximum conducted average power(dBm)	Maximum conducted average power(mW)
2480	5	2.92	1.96

**3. Evaluation result**

$$1.96/5 * \sqrt{2.48} = \underline{\underline{0.62}}$$

As the calculation value is  $\leq 3.0$ , this modular transmitter is applicable to SAR test exclusion at standalone operation and it is not required SAR test.

Sincerely,



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Manabu Satomi, Deputy Manager

TAIYO YUDEN CO., LTD.

INTEGRATED MODULE &amp; DEVICE BUSINESS DIV.