

## SAR test exclusion

According to KDB 447498 D01 General RF Exposure Guidance v05, section 4.3.1

At 100 MHz to 6 GHz and for test separation distances  $\leq$  50 mm, the SAR test exclusion threshold is determined according to the following;

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

### 1. SAR test exclusion threshold

Frequency : 2441 MHz (min. separation distances = 5 mm)

SAR test exclusion thresholds(5 mm) =  $[(7.23 / 5) * \sqrt{2.441}] = 2.26 \leq 3.0$ .

Mode	Frequency (MHz)	Maximum Allowed Power (mW)	Separation Distance (mm)	$\leq 3.0$
Bluetooth	2441	7.23	5	2.26

### 2. Conclusion : Bluetooth SAR was not required