

## 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 : 300.026 MHz (min. separation distances = 5 mm)

SAR test exclusion thresholds(5 mm) =  $[(0.00023 / 5) * \sqrt{0.300026}] = 0.0000252 < 3.0$ .

| Mode | Frequency (MHz) | Measured max output Power (mW) | Separation Distance (mm) | $\leq 3.0$ |
|------|-----------------|--------------------------------|--------------------------|------------|
| FSK  | 300.026         | 0.00023                        | 5                        | 0.0000252  |

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