



## Radio Frequency Exposure

### EUT INFORMATION

|                            |                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUT                        | Wireless Pocket Scanner                                                                                                                                                                                                                   |
| Frequency band (Operating) | Bluetooth: 2.402 GHz ~ 2.480 GHz                                                                                                                                                                                                          |
| Antenna diversity          | <input checked="" type="checkbox"/> Single antenna<br><input type="checkbox"/> Multiple antennas<br><input type="checkbox"/> Tx diversity<br><input type="checkbox"/> Rx diversity<br><input checked="" type="checkbox"/> Tx/Rx diversity |
| Max. output power          | GFSK: 4.266 dBm (2.67 mW)                                                                                                                                                                                                                 |
| Antenna gain (Max)         | -0.5 dBi                                                                                                                                                                                                                                  |

### TEST RESULT

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance  $\leq 50$  mm are determined by:

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

The max. average power of channel, including tune-up tolerance(mW) is 2.67 mW @ 2402 MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So,  $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 0.828 < 3.0$  (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.