



## Radio Frequency Exposure

### EUT INFORMATION

|                                   |                                                                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EUT</b>                        | GPS Sport Watch                                                                                                                                                                                                                           |
| <b>Frequency band (Operating)</b> | Bluetooth: 2.402 GHz ~ 2.480 GHz                                                                                                                                                                                                          |
| <b>Antenna diversity</b>          | <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 |
| <b>Max. output power</b>          | GFSK: -1.37 dBm (0.7 mW)                                                                                                                                                                                                                  |
| <b>Antenna gain (Max)</b>         | 1 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 0.7 mW @ 2402 MHz (With Tune-up tolerance),

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

So,  $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 0.217 < 3.0$  (With Tune-up tolerance).

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