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Radio Frequency Exposure

EUT INFORMATION

EUT	Wireless Pocket Scanner
Frequency band (Operating)	Bluetooth: 2.402 GHz ~ 2.480 GHz
Antenna diversity	 Single antenna Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Max. output power	8DPSK: 4.484 dBm (2.81 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 ≤ 50 mm are determined by:

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

The max. average power of channel, including tune-up tolerance(mW) is 2.81 mW @ 2402 MHz (With Tune-up tolerance),

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

So, [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] *[$\sqrt{f(GHz)}$] = **0.871** < 3.0 (With Tune-up tolerance).

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

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