



Radio Frequency Exposure

EUT INFORMATION

| | |
|----------------------------|---|
| EUT | In-Vehicle Computer |
| Frequency band (Operating) | Bluetooth: 2.402 GHz ~ 2.480 GHz |
| Antenna diversity | <input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input checked="" type="checkbox"/> Tx/Rx diversity |
| Max. output power | GFSK: -1.37 dBm (0.7 mW) |
| Antenna gain (Max) | 2.79 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:

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

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

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