



## RF Exposure Evaluation

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:  

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0$$
 for 1-g SAR, and  $\leq 7.5$  for 10-g extremity SAR, where  $f_{(\text{GHz})}$  is the RF channel transmit frequency in GHz  
 Power and distance are rounded to the nearest mW and mm before calculation  
 The result is rounded to one decimal place for comparison

Here,

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

### For BLE

Max Conducted Power(dBm)	Tune-up Power(dBm)	Max Tune-up Power(dBm)	Max Power(mW)	Frequency(MHz)	Min. distance(mm)	Calc. thresholds	limit
-3.33	-4( $\pm 1$ )	-3	0.501	2440	5	0.156517	3.0

### For BR

Max Conducted Power(dBm)	Tune-up Power(dBm)	Max Tune-up Power(dBm)	Max Power(mW)	Frequency(MHz)	Min. distance(mm)	Calc. thresholds	limit
-3.98	-4( $\pm 1$ )	-3	0.501	2441	5	0.156549	3.0

Note: The Bluetooth BR and Bluetooth BLE not transmit at the same time.

So a SAR test is not required