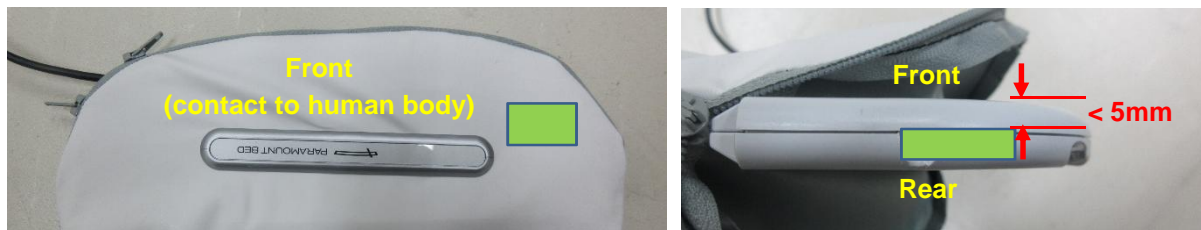


10.2 Antenna Location and Separation Distances



WLAN Antenna (Tx/Rx)

10.3 Standalone SAR Test Exclusion Considerations (KDB 447498 D01)

The 1 g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by;

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}] \leq 3.0$, 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.
- When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied.

Band	Freq. (MHz)	Max. Power		Test Position	Distance (mm)	Threshold	Test Exclusion
		(dBm)	(mW)				
WLAN (DTS)	2462	18.5	71	Front	< 5	22.3	NO
WLAN (U-NII 1)	5180	12.5	18	Front	< 5	8.2	NO
WLAN (U-NII 2A)	5320	12.5	18	Front	< 5	8.3	NO
WLAN (U-NII 2C)	5700	12.5	18	Front	< 5	8.6	NO
WLAN (U-NII 3)	5825	12.5	18	Front	< 5	8.7	NO

15 Test Setup Photographs

– Front –