



## SAR exemption evaluation

<b>Applicant</b>	Montblanc-Simplo GmbH
<b>FCC ID</b>	2AENP-MBTW4810
<b>Product</b>	Montblanc TWIN
<b>Brand</b>	Montblanc
<b>Marketing Name</b>	MBTW-4810
<b>Model</b>	MBTW-4810
<b>Report No.</b>	RXA1712-0445SAR01R1
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**Conducted Power**

Network Standards	Carrier frequency (MHz)	Output Power (dBm)
Bluetooth (Low Energy)	2402	-2.01
	2440	-2.31
	2480	-1.89

Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR

- $f(\text{GHz})$  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

Per KDB 447498 D01, when the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

Bluetooth	Distance (mm)	MAX Power (dBm)	Frequency (MHz)	Ratio	Evaluation
Body	5	-1.89	2480	0.20	No
Limb	5	-1.89	2480	0.20	No