



## SAR exemption evaluation

**Applicant** ID TECH  
**FCC ID** WQJ-VP3600  
**Product** VP3600  
**Brand** ID TECH  
**Model** IDMR-PBTX3133TEB,  
X=8: VP3500; X=9:VP3600  
**Report No.** RXA1707-0234SAR02R1  
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**Conducted Power**

Network Standards	Carrier frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Conclusion
Bluetooth (Low Energy)	2402	-0.12	30	PASS
	2440	0.41	30	PASS
	2480	0.27	30	PASS

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-worn	5	0.41	2480	0.35	No