

Produkte

Products

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Table 10: Conducted Power of Bluetooth (BDR & EDR mode)

Bluetooth	Conducted Power (dBm)		
	CH0 / 2402	CH39 / 2441	CH78 / 2480
Basic Date Rate	6.92	7.35	7.50
Enhanced Data Rate	7.55	7.94	8.19

Table 11: Conducted Power of Bluetooth (LE mode)

Bluetooth	Conducted Power (dBm)		
	CH0 / 2402	CH39 / 2441	CH78 / 2480
LE	5.58	6.07	6.23

Note:

According to KDB 447498 D01 v05r01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50mm are determined by: [(max. power of channel, including tune-up tolerance, mW)/(min.test separation distance, mm)]*[$\sqrt{f_{\text{GHz}}}$] \leq 3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR

The maximum output power of Bluetooth is 8.19dBm (6.59mW), and the minimum separation distance is 5mm, hence the exclusion thresholds is 2.1 < 3.0, therefore RF exposure evaluation is not required.