

4.8	RF Exposure Evaluation		
Reference Standard(s):		☒ KDB 447498 RF Exposure Guidance v06 ☐ KDB 447498 Interim RF Exposure Guidance v01 ☒ RSS 102, Issue 6 ☐	☐ MPE ☐ SAR Evaluation ☒ SAR Test Exclusion
Frequency Range(s):		☐ 902-928.0MHz ☒ 2402-2480.0MHz ☐	
Antenna Separation Distance:		>5mm	
RF Exposure Conditions:		Portable (Body-worn)	
2.4GHz Antenna Gain:		0.3dBi	
Maximum BT EDR the source-based conducted output power:		2.7mW(4.3dBm)*0.7(FHSS worst case duty cycle) = 1.9mW(2.8dBm)	
Maximum BT EDR EIRP/ERP output power:		EIRP=2.8dBm + 0.3dBi=3.1dBm(2.04mW) <3mW ERP=3.1dBm - 2.15dB=0.95dBm(1.24mW) <3mW	
Maximum QHS the source-based conducted output power:		3.1mW(4.9dBm)*0.85(worst case duty cycle) = 2.64mW(4.2dBm)	
Maximum QHS EIRP/ERP output power:		EIRP=4.2dBm + 0.3dBi=4.5dBm(2.82mW) <3mW ERP=4.5dBm - 2.15dB=2.35dBm(1.7mW) <3mW	
The SAR Exclusion Threshold Level			
FCC Part 2.1093		3mW>5mm @2.45GHz	
RSS 102, Issue 6		3mW>5mm @2.45GHz	

Note:	
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