

April 27, 2017

- Device category = 🖸 Portable device 🗌 Mobile device
- Transmitting mode = 🛛 Single Transmitting
- Max. transmitting frequency = 2480 MHz
- Min. test separation distance = <b>30</b> mm
- Max. Antenna Gain = 0.535 dBi
- Max. power with turn-up tolerance = 7.50 dBm = 5.7 mW (Typical Power = Max. 7.50 dBm )
Note. Bluetooth _ Module0

#### KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

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

= [ ( 5.7mW / 30mm ) ] X [ √2.48GHz ] = 0.3

Note. The calculation result was rounded to one decimal place for comparison.



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- Device category = $\Box$ Portable device $\Box$ Mobile d	device
- Transmitting mode =	Simultaneous Transmitting
- Max. transmitting frequency = 2480 MHz	
- Min. test separation distance = <b>30</b> mm	
- Max. Antenna Gain = 0.535 dBi	
- Max. power with turn-up tolerance = <b>7.50</b> dBm	= <b>5.7</b> mW (Typical Power = <b>Max. 7.50</b> dBm )
Note. Bluetooth LE_ Module0	

#### KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

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

= [ ( 5.7mW / 30mm ) ] X [ √2.48GHz ] = 0.3

Note. The calculation result was rounded to one decimal place for comparison.



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- Device category = $\Box$ Portable device $\Box$ Mobile device	evice
- Transmitting mode =	Simultaneous Transmitting
- Max. transmitting frequency = <b>2480</b> MHz	
- Min. test separation distance = <b>30</b> mm	
- Max. Antenna Gain = <b>1.2</b> dBi	
- Max. power with turn-up tolerance = <b>17.00</b> dBm	= <b>50.2</b> mW ( Typical Power = <b>Max. 17.00</b> dBm )
Note. Bluetooth _ Module1	

#### KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

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

= [ ( 50.2mW / 30mm ) ] X [ √2.48GHz ] = 2.6

Note. The calculation result was rounded to one decimal place for comparison.



	April 27, 2017
- Device category = 🗵 Portable device 🗌 Mobile device	
- Transmitting mode = 🛛 Single Transmitting 🔅 🗌 Simultaneous Transmitting	
- Max. transmitting frequency = 2480 MHz	
- Min. test separation distance = <b>30</b> mm	
- Max. Antenna Gain = <b>1.2</b> dBi	
- Max. power with turn-up tolerance = 1.00 dBm = 1.3 mW (Typical Power = Max. 1.00 dBm )	
Note. Bluetooth LE_ Module1	

#### KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

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

= [ ( 1.3mW / 30mm ) ] X [ √2.48GHz ] = 0.1

Note. The calculation result was rounded to one decimal place for comparison.