

RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Apple iPad 10.2 Rugged Bluetooth Keyboard w/Trackpad
Test Model	UAG-BTKB-01
Series Model	124000114031, 124000B14031, 124001114031, 124001B14031, 124002114031, 124002B14031, 124003B14031, 124003B14031, 124004114031, 124004B14031, 124005B14031, 124005B14031, 124006114031, 124006B14031, 124007114031, 124007B14031, 124009114031, 124009B14031, 124010114031, 124010B14031, 123242B14031
FCC ID	2A4MYUAG-BTKB

2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

Where f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

3. CALCULATION

BR:

Pt=-11.421dBm=0.072mW

The value of the Maximum output power Pt is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(0.072mW / 5mm).[$\sqrt{2.402(\text{GHz})}$]= 0.022<3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.

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