

## FCC ID: ZNPWD-AX1800

### RF Exposure

#### Applicable Standard

According to §1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. This is a Portable device. The **Section 4.3.1 and Appendix A of KDB447498 D01 V05 was used as the guidance.**

#### Calculation Result (Worse case)

##### 2.4G Band

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 8.892/5 * 1.553 = 2.762$ , this value is less than 3.0 for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

##### 5G Band 1

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 5.636/5 * 2.289 = 2.58$ , this value is less than 3.0 for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

##### 5G Band 4

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 5.834/5 * 2.414 = 2.817$ , this value is less than 3.0 for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

**The SAR measurement is not necessary.**