



## RF exposure

FCC ID : 2AUD9-CS1532

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  $\leq$  50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})]$

$\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR,

Where;

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

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

The result is rounded to one decimal place for comparison

### Results

#### Mode : ZigBee

| Frequency (GHz) | Distance (mm) | Max tune-up power (dBm) |       | Calculation value | Exclusion Threshold |
|-----------------|---------------|-------------------------|-------|-------------------|---------------------|
|                 |               | (dBm)                   | (mW)  |                   |                     |
| 2.405 ~ 2.480   | 5             | -6.00                   | 0.251 | 0.129             | $\leq 3.0$          |