



## RF exposure

### FCC ID : SWN-GF10UC

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

### Results

| Mode      | Frequency (GHz) | Distance (mm) | Max tune-up power (dBm) |       | Calculation value | Exclusion Threshold |
|-----------|-----------------|---------------|-------------------------|-------|-------------------|---------------------|
|           |                 |               | (dBm)                   | (mW)  |                   |                     |
| LE 1 Mbps | 2.402 ~ 2.480   | 5             | 1.0                     | 1.259 | 0.397             | $\leq 3.0$          |

Note.

1.  $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$   
 $= (1.259) / (5) \cdot \sqrt{2.48} = 0.397$