



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 ≤ 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 ≤ 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	≤ 3.0

Note.

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