

1. TEST METHODOLOGY

The RF output of EUT was connected to the power meter by RF cable and attenuator. The pathloss was compensated to the results for each measurement.

2. FCC RULES

According to 447498 D01 General RF Exposure Guidance v05

For minimum test separation distance $\leq 50\text{mm}$, Wifi standalone SAR test exclusion power threshold is 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
- The result is rounded to one decimal place for comparison

3.POWER Result

Wifi worse case is 2462MHz : 8.8dBm (7.59mW)

Then $(7.59 \text{ mW}/5\text{mm}) \times \sqrt{2.462} = 2.38 < 3$

So SAR evaluation is not applicable

BT worse case is 2442MHz: 6.5dBm (4.47mW)

Then $(4.47 \text{ mW}/5\text{mm}) \times \sqrt{2.442} = 1.40 < 3$

So SAR evaluation is not applicable