



Radio Frequency Exposure

EUT INFORMATION

EUT	Force GC30 GAMING Controller Dongle
Frequency band (Operating)	2412~2475MHz
Antenna diversity	PCB Antenna
Max. output power	

TEST RESULT

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0$$

The max. average power of channel, including tune-up tolerance(mW) is 0.25 mW @ 0.125 MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] = 0.00000625 < 3.0$ (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.