

FCC ID: XO8-SLIM906TX

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

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

The tune-up power is -5.60 dBm +/- 0.5dB, therefore the highest tune-up power is -5.1 dBm (0.31 mW) @ 906 MHz

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

So,

$$((0.31\text{mW}) / 5\text{mm}) \cdot (0.906\text{GHz})^{0.5} = 0.1$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [f(\text{GHz})] = 0.1 < 3.0$$

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

Note:

1. The tune up power referred the AVG power of the test report TMTN2205000642NR-RP1 for SAR test exclusion purpose.