

# CM78 RF-EXPOSURE ASSESSMENT

## FCC ID: ZLV-CM7X

The maximum measured power output is: 4dBm, 2.51mW.

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
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

Assessment results: PASS

FCC SAR test exclusion condition:

$$2.51[\text{mW}]/5.0[\text{mm}] * [\sqrt{2.48(\text{GHz})}] = 0.8 < 7.5$$