

# 6673 RF-EXPOSURE ASSESSMENT

FCC ID: 2ADNH-6673

The max. tune up power is: **-3.12dBm, 0.49mW.**

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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- $f(\text{GHz})$  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:

$$\mathbf{0.49 \text{ [mW]} / 5.0 \text{ [mm]} \cdot [\sqrt{2.402 \text{ (GHz)}}] = 0.15 < 3}$$

The max. tune up power add 1dB tolerance is: -2.12dBm, 0.614mW

$$0.614 \text{ [mW]} / 5.0 \text{ [mm]} \cdot [\sqrt{2.402 \text{ (GHz)}}] = 0.190 < 3$$