

# FCC ID: 2AZ63-DTC2601A

Portable device

According to §2.1091 and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB447498 D01 General RF Exposure Guidance V06

The 1-g SAR 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

When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

## 433.92

Transmit power:

| Frequency (MHz) | EIRP power (dBuV/m) | EIRP power (dBm) |
|-----------------|---------------------|------------------|
| 433.92          | 70.08               | -25.18           |

$$\text{EIRP} = E - 104.8 + 20 \log(D)$$

| Channel Freq. (GHz) | EIRP (dBm) | EIRP (mW) | Tune-up power (dBm) | Max tune-up power (dBm) | Max tune-up power (mW) | Distance (mm) | Result calculation | SAR Exclusion threshold | SAR test exclusion |
|---------------------|------------|-----------|---------------------|-------------------------|------------------------|---------------|--------------------|-------------------------|--------------------|
| 0.43392             | -25.18     | 0.0030    | -25±1               | -24                     | 0.004                  | <5            | 0.00052            | 3.00                    | YES                |

## Conclusion:

For the max result :  $0.00052 \leq 3.0$  for 1g SAR, SAR is not required.



Signature:

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