

**FCC ID: PAGTR-025 RF Exposure Report**

Test Requirement: FCC Part 1.1307

Evaluation Method: FCC Part2.1093 &amp; 447498 D01 General RF Exposure Guidance v06

**Requirements**

1) 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:

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

1.  $f(\text{GHz})$  is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

**The procedures / limit**

| Source-based time-averaged maximum output power(dBm) | Source-based time-averaged maximum output power(mW) | Minimum test separation distance required for the exposure conditions(mm) | SAR Test Exclusion Thresholds Calculation Value | SAR Test Exclusion Thresholds Limit | Result     |
|------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------|------------|
| -13.75                                               | 0.042                                               | 5                                                                         | 0.0055                                          | 3.0                                 | Compliance |

Test Channel:  $f=433.92\text{MHz}=0.43392\text{GHz}$ , so  $\sqrt{f(\text{GHz})}=0.659$

Note: the following is Source-based time-averaged maximum output power Calculation

| Frequency | Source-based time-averaged maximum output power | Substituted (0dBm) | Source-based time-averaged maximum output power |
|-----------|-------------------------------------------------|--------------------|-------------------------------------------------|
| (MHz)     | (dBμV/m)                                        | (dBμV/m)           | (dBm)                                           |
| 433.92    | 81.45                                           | 95.20              | -13.75                                          |

**Result: Compliance**

No SAR measurement is required.